Steve Mason R6 DWH Info@EPA

December 1 (1997) 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997 | 1997

Faithfully yours Steve

"Frequently, my thoughts get bored and walk down to my mouth. Often, this is a bad thing."

Steve Mason, EPA Region 6 (6SF-PE) 1445 Ross Avenue, Dallas, TX 75202 214-665-2276 / 214-665-2278 fax

----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:36 AM -----

From: madsenrc@comcast.net To: Steve Mason/R6/USEPA/US@EPA Date: 05/21/2010 05:41 AM

Subject: Brooks McCall: end of day report 5-20-10 0520\_stations file

Steve,

Attached are the contents of the zip file 0520\_stations.

Please let me know if you need something more.

Thanks,













---- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: madsenrc@comcast.net

"Hanzalik, James" <james.e.hanzalik@uscq.mil>, Steve Mason/R6/USEPA/US@EPA, "Henry, Charlie" <charlie.henry@noaa.gov> To:

"Carragher, Peter" < peter.carragher2@bp.com>, "Collinson, Peter" < peter.collinson@uk.bp.com>, "Aldrich, Steve" < steve.aldrich@bp.com>, "Rainey, David" < david.rainey@bp.com>

Date: 05/21/2010 05:07 AM

Subject: Brooks McCall: end of day status report for 5-20-10

AII,

Here is the end of day report for Brooks McCall for 5-20-10.

Thanks,

Rees Madsen 509-944-5552

---- Forwarded Message -----

From: "d wright" <d.wright@ecosystem-management.net>
To: "Peter Collinson"

Cc: madsenrc@comcast.net

Sent: Thursday, May 20, 2010 10:38:30 PM GMT -06:00 US/Canada Central Subject: end of day status report

End of Day Status Report, Brooks McCall, May 20.

The rationale for today's sampling sequence was based on the hypothesis that the resumption in dispersant injection (ca. midnight May 18/19) would result in a new plume of dispersed oil at depth. We concluded that, based on fluorometry depth profiles, yesterday's samples probably tracked the remnants of the previous plume which moved in a southwesterly direction away from the spill site. Data gathered during the previous cruise indicated a vertical 'thinning' of that plume from between 1000-1400m to a narrower band between 1000-1100m. Yesterday's fluorescence measurements appeared to indicate that this trend was continuing. We detected a small fluorescence signal on the SW transect at respectively 8Km and 12Km from the spill site and an increase in fluorescence on a 15o arc NE of the 12Km station. No fluorescence was present at the station occupied SE of the transect.

In an attempt to pick up a new plume, today's sampling stations were closer to the spill site than yesterday. Modeling predictions and our own calculations indicated the probability of picking up a new plume on the SW transect at 4Km from the spill site. This was the first sampling station (B34) occupied at 0700. Contrary to expectations, only a small fluorescence signal was detected below 1100m. Subsequent samples were taken from the 1.7Km site (B35) and indicated a very small fluorescence trace. A third sample (B36) was taken due SW of the spill site at a distance of 1.5Km from the source showed a fluorescence signal between 1100 and 1300m in depth, although this was much smaller than the signal detected at this site on 5/15 (B20) and 5/16 (B21). To further characterize this signal we opted to move to a point 1.5Km due south of the spill site. Data at this fourth station (B37) showed no apparent fluorescence signal at any depth. Station specific information on samples is shown in attachment 1. As before, this spreadsheet only contains information from the current cruise, although attachments 2 and 3 include sites visited on previous cruises, but with sampling station from this cruise (3) highlighted. CTD data from this cruise are summarized in attachment 4. As samples from B37 were being retrieved and processed, at appx. 1615h we received a request to cease operations and prepare to return to Port Fourchon in order to resupply and proceed with the installation of 'real time' STD deployment/data retrieval capability. Following some stowage of samples and equipment we received a directive that reversed the original request at appx. 1730h. The new directive indicated that the vessel remained on station.

En route between the 4Km and 1.7Km marks along the SW transect and (between B34 and B35) we towed the Turner C3 Towfish Fluorometer at 2 knots. A second tow was made between stations B36 and B37, and a further tow of this instrument was initiated following the decision to remain on site instead of returning to port (at completion of samples from B37 1.5Km due south of the spill site. This tow (2 knots) followed a circular path around the spill site at a radius of 1.5Km. The instrument appeared to be performing satisfactorily, although some episodes of apparent fouling by oil were apparent. Data from these tows are summarized in attachment 5.

In view of contradictory data from oxygen analysis employing the LaMotte 5860 Field Kit we initiated a field cross-calibration exercise employing new La Motte kits. Along with routine analyses from the CTD and the Extech DO700 hand-held probe, three scientific crew members each made independent colorimetric analyses of three pairs of samples from different sampling stations. Results from this exercise are presented in attachment 6. A summary of particulate analyses (LISST) is shown in attachment 7. Although the low incidence of fluorescence in today's samples provided only limited opportunity for comparison between LISST data and fluorometry, as in the previous cruise there was generally good correlation between LISST data and fluorometry, particularly with reference to site B36, last visited as B26 on 5/17.

Culture of organisms (rotifers) for bioassays continued and counts made from a trial run initiated yesterday (see End of Day Status Report 5/19). Survival of lab controls was insufficient for the data to be acceptable, although, as survivors from the last cruise, the organisms were now five days old and well beyond the recommended specimen age for this assay. Hatching began from cysts cultured yesterday and sufficient were available for a limited assay using samples from B36 the only station showing significant fluorescence. In light of much more favorable weather conditions than for the last cruise we are attempting a full six replicated dilution series for samples B36D (300m, no noticeable fluorescence) and B36J (1300m, fluorescence peak). No results are available yet.

A brief inventory of equipment and supplies is shown as attachment 8. I can offer the following tentative conclusions from today's data, although other interpretation may be possible. Taken with yesterday's data from 12Km and 8Km along the SW transect, movement towards the spill site along this transect resulted in a diminished fluorescence signal that could represent the remnants of the deep water plume initiated by the previous dispersant injection episode. Attempts to pick up a new plume resulting from more recent injection indicated a much weaker fluorescence signal at depth than might have been expected. Only one site (B36) 1.5 Km SW of the spill source showed a substantial fluorescence signature below 1100m, although this was much weaker than when the station was last visited on 5/17. This could indicate a change in direction or speed of the deep water plume or a decrease in oil flow due to more effective oil retrieval at the spill site.

## Summary of Attachments

- An Excel spreadsheet with six tabs, containing station specific information on samples.
- 2. A shape file of our station locations which can be imported to mapping software.
- 3. A pdf graphic based on the shape file showing our stations.
- A summary of data from Turner C3 towed fluorometer deployment.
- Results of cross-calibration exercise for Motte colorimetric dissolved oxygen analysis.
- 6. A summary of the LISST results.
- CTD plots for today's stations.
- 8. Equipment and inventory status.

# David Wright PhD DSc Ecosystem Management and Associates. \* ATTACHMENT NOT DELIVERED \*\*\*\*\*\*\*\*\*\*\*\*\*\*\* This Email message contained an attachment named sampling\_0520\_pdf.zip, 0520\_stations.zip, Cruise\_3\_Sampling\_Tracking\_Master.zip, CTD\_Summary\_2010\_0520.zip, C3 Fluorometer\_Report\_2010\_0520.zip, sampling 0520 pdf, zip, 0520\_stations.zip, Cruise\_3\_Sampling\_Tracking\_LISST 05-20-2010.zip Which may be a computer program. This attached computer program could contain a computer virus which could cause harm to EPA's computers, network, and data. The attachment has been deleted. This was done to limit the distribution of computer viruses introduced into the EPA network. EPA is deleting all computer program attachment sent from the Internet into the agency via Email. If the message sender is known and the attachment was legitimate, you should contact the sender and request that they rename the file name extension and resend the Email with the renamed attachment. After receiving the revised Email, containing the renamed attachment, you can rename the file extension to its correct name. For further information, please contact the EPA Call Center at (866) 411-4EPA (4372). The TDD number is (866) 489-4900. \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* ATTACHMENT NOT DELIVERED \*\*\*\*\*\*\*\*\*\*\*\*\*\*\* This Email message contained an attachment named sampling\_0520\_pdf.zip, 0520\_stations.zip, Cruise\_3\_Sampling\_Tracking\_Master.zip, CTD\_Summary\_2010\_0520.zip, C3 Fluorometer\_Report\_2010\_0520.zip, sampling 0520 pdf, zip, 0520\_stations.zip, Cruise\_3\_Sampling\_Tracking\_LISST 05-20-2010.zip Which may be a computer program. This attached computer program could contain a computer virus which could cause harm to EPA's computers, network, and data. The attachment has been deleted. This was done to limit the distribution of computer viruses introduced into the EPA network. EPA is deleting all computer program attachment sent from the Internet into the agency via Email. If the message sender is known and the attachment was legitimate, you should contact the sender and request that they rename the file name extension and resend the Email with the renamed attachment. After receiving the revised Email, containing the renamed attachment, you can rename the file extension to its correct name. For further information, please contact the EPA Call Center at (866) 411-4EPA (4372). The TDD number is (866) 489-4900. \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* ATTACHMENT NOT DELIVERED \*\*\*\*\*\*\*\*\*\*\*\*\*\*\* This Email message contained an attachment named sampling\_0520\_pdf.zip, 0520\_stations.zip, Cruise\_3\_Sampling\_Tracking\_Master.zip, CTD\_Summary\_2010\_0520.zip, C3 Fluorometer\_Report\_2010\_0520.zip, sampling 0520 pdf, zip, 0520\_stations.zip, Cruise\_3\_Sampling\_Tracking\_LISST 05-20-2010.zip Which may be a computer program. This attached computer program could contain a computer virus which could cause harm to EPA's computers, network, and data. The attachment has been deleted. This was done to limit the distribution of computer viruses introduced into the EPA network. EPA is deleting all computer program attachments sent from the Internet into the agency via Email. If the message sender is known and the attachment was legitimate, you should contact the sender and request that they rename the file name extension and resend the Email with the renamed attachment. After receiving the revised Email, containing the renamed attachment, you can rename the file extension to its correct name. For further information, please contact the EPA Call Center at (866) 411-4EPA (4372). The TDD number is (866) 489-4900. \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* ATTACHMENT NOT DELIVERED \*\*\*\*\*\*\*\*\*\*\*\*\*\*\* This Email message contained an attachment named sampling\_0520\_pdf.zip, 0520\_stations.zip, Cruise\_3\_Sampling\_Tracking\_Master.zip, CTD\_Summary\_2010\_0520.zip, C3 Fluorometer\_Report\_2010\_0520.zip, sampling 0520 pdf, zip, 0520\_stations.zip, Cruise\_3\_Sampling\_Tracking\_ LISSY 05-20-2010.zip, using the sample of t This was done to limit the distribution of computer viruses introduced into the EPA network. EPA is deleting all computer program attachments sent from the Internet into the agency via Email. If the message sender is known and the attachment was legitimate, you should contact the sender and request that they rename the file name extension and resend the Email with the renamed attachment. After receiving the revised Email, containing the renamed attachment, you can rename the file extension to its correct name.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* ATTACHMENT NOT DELIVERED \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

For further information, please contact the RPA Call Center at (866) 411-4EPA (4372). The TDD number is (866) 489-4900.

ATTACHMENT NOT DELIVERED

This Email message contained an attachment named sampling\_0520\_pdf.zip, 0520\_stations.zip, Cruise\_3\_Sampling\_Tracking\_Master.zip, CTD\_Summary\_2010\_0520.zip, C3 Fluorometer\_Report\_2010\_0520.zip, LISST 05-20-2010.zip and tatached computer program could contain a computer program. This attached computer program could contain a computer virus which could cause harm to EPA's computers, network, and data. The attachment has been deleted.

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Steve,

Attached are five of the six zip files from the daily report for 5-20, I will send the contents of the zip Shape files in a separate e-mail.

Please let me know if you have any trouble opening the attachments.

Subject: Brooks McCall: End of day status report 5-20-10 (Zip file contents)

Thanks,

# Rees



----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: David Gray/R6/USEPA/US

To: Mark Hansen/R6/USEPA/US@EPA, David Bary/R6/USEPA/US@EPA, Carmen Assunto/R6/USEPA/US@EPA

Cc: Susan Webster/R6/USEPA/US@EPA, Warren Zehner/R6/USEPA/US@EPA, Nancy Jones/R6/USEPA/US@EPA, William Rhotenberry/R6/USEPA/US@EPA, Althea Foster/R6/USEPA/US@EPA, John Martin/R6/USEPA/US@EPA, Chris Petersen/R6/USEPA/US@EPA, "Jim Staves" <Staves.James@epa.gov>, Steve Mason/R6/USEPA/US@EPA

Date: 05/21/2010 06:45 AM

Subject: Re: Need Desk Statement for EPA Sampling Crews in Venice Louisiana area

How about this? Dave and Carmen - weigh in. David

'We are part of EPA's on-going monitoring efforts to gather environmental samples for analysis. We are sampling air, water and sediment as part of an aggressive monitoring program by EPA that started after the BP Spill.

To date, our air data has not shown elevated levels that would cause concern for long-term health effects - and we are continuing to collect more samples.

Today - we are collecting (air, water, sediment?) samples for analysis as part of our independent oversight of the BP Spill.

EPA is making all data from these samples available on our Web site at www.epa.gov/bpspill." David Gray Director External and Government Affairs US EPA (214) 665-2200 office

gray.david@epa.gov Sent from Blackberry

(214) 789-2619 mobile

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▼ Mark Hansen
----- Original Message -----
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From: Wightal Websage ----
From: Mark Hansen
Sent: 05/20/2010 08:29 PM CDT
To: David Gray: David Bary: Carmen Assunto
Cc: Susan Webster: Warren Zehner: Nancy Jones: William Rhotenberry: Althea Foster: John Martin; Chris Petersen: Jim Staves
<Staves.Jamessepa.gov): Steve Mason
```

Subject: Need Desk Statement for EPA Sampling Crews in Venice Louisiana area

Our EPA sampling teams will be sampling tomorrow in several areas in southern Louisiana. The area that I am particularly concerned about is the area south of Venice where CNN and several national media outlets have crews filming the oil coming up into the marsh. We need a desk statement that the folks can use. We will forward them to the JIC if possible, but would like to communicate the statement you prefer rather than just "please

If I can be of assistance or answer any questions, please contact me at (214)665-7548 or via email at hansen.mark@epa.gov.

Sincerely

Mark Hansen Associate Director for Prevention and Response(6SF-P) Superfund Division

U.S. EPA Region 6 1445 Ross Avenue (6SF-P) Dallas, Texas 75202 Telephone: (214) 665-7548 EPA Cell Phone: (214)789-2162

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---- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: Craig Matthiessen/DC/USEPA/US Steve Mason/R6/USEPA/US@EPA Date: 05/21/2010 06:58 AM Subject: Re: ethoxylated nonylphenol

Hey, there mister regional response person. Good to hear from you.

Not that much of a scientist - I just play one on TV.

Yes, I believe these are the same or at least part of the same family. There can be different CAS numbers I think depending on the degree of polymerization. There are endocrine concerns but I believe I saw data that says the NPs and/or NPEs degrade within days, shorter in sunlight. Another trade-off issue....

▼ Steve Mason---05/21/2010 07:31:46 AM---Hey there... long time no talk.... Quick question, Mr. Scientist...

From: Steve Mason/R6/USEPA/US Craig Matthiessen/DC/USEPA/US@EPA

05/21/2010 07:31 AM Subject: Re: ethoxylated nonylphenol

Hey there... long time no talk....

Quick question, Mr. Scientist...

Is Ethoxylated nonylphenol, which you described in your email, the same as nonyphenol ethoxylates, or nonylphenols.... ???

If so, in Wikipedia, at the bottom they describe those as:

- Nonylphenol and nonyphenol ethoxylates have been banned in the European Union as a hazard to human and environmental safety.
   For freshwater ecosystems, the Environmental Protection Agency has set two types of standards: the first which is considered acute criteria is one-hour average concentration of nonylphenol does not exceed 28 µg/L more than once every three years on the average.
- For saltwater ecosystems, the standard is considered to be chronic criteria and is set to four-day average concentration of nonylphenol that
  does not exceed 6.6 μg/l more than once every three years on the average.

Thanks

Faithfully yours

"Frequently, my thoughts get bored and walk down to my mouth. Often, this is a bad thing."

Steve Mason, EPA Region 6 (6SF-PE) 1445 Ross Avenue, Dallas, TX 75202 214-665-2276 / 214-665-2278 fax

▼ Craig Matthiessen---05/20/2010 08:52:37 PM---Hi: did a little digging on this substance. Didn't find anything relative to its bioaccumulation a

Craig Matthiessen/DC/USEPA/US From:

Sam Coleman/R6/USEPA/US@EPA To:

Albert Venosa/C1/USEPA/US@EPA, "Craig Carroll" <carroll.craig@epa.gov>, Dana Tulis/DC/USEPA/US@EPA, "Mark Hansen" <hansen.mark@epa.gov>, Jon Rauscher/R6/USEPA/US@EPA, "Dana Tulis" <tulis.dana@epa.gov>, Steve Mason/R6/USEPA/US@EPA

05/20/2010 08:52 PM Subject: Re: ethoxylated nonylphenol

> Hi; did a little digging on this substance. Didn't find anything relative to its bioaccumulation assertion; only that certain nonoxynols (of which this is one) have mild to medium estrogenic concerns - in fact one version is used as a spermatocide.

> $Ethoxylated\ nonylphenol\ (CAS\ \#9016-45-9)\ -a\ non-ionic\ surfactant\ (here's\ a\ wiki\ page\ on\ surfactants:\ http://en.wikipedia.org/wiki/Surfactant)$ Note at the bottom of this page, surfactants "are known to taste good to animals, ecosystems and humans, and can increase the diffusion of other environmental contaminants. Despite this, they are routinely deposited in numerous ways on land and into water systems, whether as part of an intended process or as industrial and household waste." According to Dow: "These surfactants are used anywhere there is a need for increased surface activity, and provide excellent all-purpose detergency and wetting, as well as solubilization and emulsification.

According to our CAMEO database: General Description: Colorless liquid or white solid with a mild odor. May float or sink in water. A low molecular-weight polymer. Used as a non-ionic surfactant, as an emulsifier, or as a metal cleaner, depending on the degree of polymerization.

Here is a link to an information sheet in the Coast Guard chemical hazard (CHRIS) manual: http://cameochemicals.noaa.gov/chris/ENP.pdf

Scroll down to the water pollution box which notes that aquatic toxicity ranges from low to high depending on the degree of polymerization. Also note that there's no food chain concentration potential - perhaps this is an indicator of a lack of bioaccumulation. One manufacturer of an ethoxylated nonylphenol (with a different CAS number) for a powdered vehicle wash says its biodegradable.

The only concern I ran across is on this wiki for nonoxynols: http://en.wikipedia.org/wiki/Nonoxynol
They have a mild to medium estrogenic function; some companies have removed these from their laundry detergents. The question would be in what form the ethoxylated nonylphenol takes when it breaks down the oil and whether the resulting substance has an estrogenic or bioaccumulation concern.

Craig Matthiessen

# ▼ Sam Coleman---05/20/2010 08:06:59 PM---Tonight?

Sam Coleman/R6/USEPA/US

To: Dana Tulis/DC/USEPA/US@EPA, Albert Venosa/CI/USEPA/US@EPA, "Dana Tulis" < tulis.dana@epa.gov > , Craig Matthiessen/DC/USEPA/US@EPA

Jon Rauscher/R6/USEPA/US@EPA, "Mark Hansen" <hansen.mark@epa.gov>, "Craig Carroll" <carroll.craig@epa.gov> Cc:

05/20/2010 08:06 PM Subject: Re: ethoxylated nonylphenol

Tonight?

Samuel Coleman, PE Superfund Div Region 6 214.665.6701 Ofc 214.789.2016 Cell

Sent by EPA Wireless E-Mail Services

# ▼ Dana Tulis

---- Original Message --------- UTIGINAL NUESSAGE
From: Bana Tulis
Sent: 05/20/2010 08:06 PM EDT
To: Sam Coleman: Albert Venosa: "Dana Tulis" <tulis.dana@epa.gov>; Craig Matthiessen
Cc: Jon Rauscher: "Mark Hansen" <hansen.mark@epa.gov>; "Craig Carroll" <carroll.craig@epa.gov>
Subject: Re: ethoxylated nonylphenol I would like Craig M to lead this effort,

## ▼ Sam Coleman

----- Original Message ---From: Sam Coleman
Sent: 05/20/2010 07:27 PM EDT
To: Albert Venosa; "Dana Tulis" <tulis.dana@epa.gov>
Co: Jon Rauscher; "Mark Hansen" <hansen.mark@epa.gov>; "Craig Carroll" <carroll.craig@epa.gov>
Subject: Fw: ethoxylated nonylphenol Need to know all you know about this compound.

Samuel Coleman, PE Superfund Div Region 6 214.665.6701 Ofc 214.789.2016 Cell

Sent by EPA Wireless E-Mail Services

# ▼ Steve Mason

---- Original Message -----From: Steve Mason Sent: 05/20/2010 06:23 PM CDT To: Sam Coleman Subject: ethoxylated nonylphenol

Faithfully yours

"Frequently, my thoughts get bored and walk down to my mouth. Often, this is a bad thing."

Steve Mason, EPA Region 6 (6SF-PE) 1445 Ross Avenue, Dallas, TX 75202 214-665-2276 / 214-665-2278 fax

---- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: Craig Carroll/R6/USEPA/US

To: Nancy Jones/R6/USEPA/US@EPA

Steve Mason/R6/USEPA/US@EPA, Althea Foster/R6/USEPA/US@EPA, James Staves/R6/USEPA/US@EPA, R6 DWH REOC RIC@EPA

Date: 05/21/2010 08:06 AM Subject: Data Management Summary I would like to receive the data management analysis report by 1400 hrs today. I need to use it today to inform some reporting requirements related to the USCG-EPA Directives. Thanks

Craig Carroll Chief, Emergency Readiness Section EPA Region 6 Ph: 214-665-2220 Fax: 214-665-9718

----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: Steve Mason/R6/USEPA/US

Steve Mason/R6/USEPA/US@EPA

Kathleen Robinson/R6/USEPA/US@EPA, R6 DWH REOC FSC@EPA, R6\_DWH\_Info@epamail.epa.gov

Date: 05/21/2010 08:10 AM Subject: Re: Time Reports



Faithfully yours

"Frequently, my thoughts get bored and walk down to my mouth. Often, this is a bad thing."

Steve Mason, EPA Region 6 (6SF-PE) 1445 Ross Avenue, Dallas, TX 75202 214-665-2276 / 214-665-2278 fax

---- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: madsenrc@comcast.net

"Hanzalik, James" < james.e.hanzalik@uscg.mil>, "Henry, Charlie" < charlie.henry@noaa.gov>, Steve Mason/R6/USEPA/US@EPA, "goetzee, william" < william.w.goetzee@uscg.mil> To:

Cc: "Rainey, David" <david.rainey@bp.com>, "Carragher, Peter" peter.carragher2@bp.com>, "Aldrich, Steve" <steve.aldrich@bp.com>

05/21/2010 08:36 AM

Subject: Subsea Dispersant: Daily Report for 5/20/10

# Gentlemen,

Here is the report on dispersant use:

Start: 5/19 2200

Stop: 5/20 2200

Rate: 10 gpm

Volume: 14,210

Note: There was one disruption of injection from 2145 - 2158 on 5/20.

Please contact me if you have questions.

Thanks,

## Rees Madsen 509-944-5552

---- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: James Staves/R6/USEPA/US Steve Mason/R6/USEPA/US@EPA Date: 05/21/2010 08:54 AM

Subject: map

Steve,

FYI, I'm told that the situation unit does have a map showing boom locations and oil grounding locations.

Jim.

----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

Craig Carroll/R6/USEPA/US@EPA

Cc: Althea Foster/R6/USEPA/US@EPA, Nancy Jones/R6/USEPA/US@EPA, R6 DWH REOC RIC@EPA, Steve Mason/R6/USEPA/US@EPA Date: 05/21/2010 09:17 AM Subject: Re: Data Management Summary

> So who (where) is our overall data management Choke point? Dallas, Houma, or DC? I'm trying to verify that EPA and NOAA have access to each others goodies.

Jim

----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: Craig Carroll/R6/USEPA/US

James Staves/R6/USEPA/US@EPA

Cc: Althea Foster/R6/USEPA/US@EPA. Nancy Jones/R6/USEPA/US@EPA, R6 DWH REOC RIC@EPA, Steve Mason/R6/USEPA/US@EPA

Date: 05/21/2010 09:22 AM Subject: Re: Data Management Summary

I believe it is Houma.

Craig Carroll Chief, Emergency Readiness Section

EPA Region 6 Ph: 214-665-2220 Fax: 214-665-9718

James Staves---05/21/2010 09:17:21 AM---So who (where) is our overall data management Choke point? Dallas, Houma, or DC? I'm trying to veri

James Staves/R6/USEPA/US

Craig Carroll/R6/USEPA/US@EPA

Althea Foster/R6/USEPA/US@EPA, Nancy Jones/R6/USEPA/US@EPA, R6 DWH REOC RIC@EPA, Steve Mason/R6/USEPA/US@EPA

Date: 05/21/2010 09:17 AM Subject: Re: Data Management Summary

> So who (where) is our overall data management Choke point? Dallas, Houma, or DC? I'm trying to verify that EPA and NOAA have access to each others goodies.

Jim.

----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

Cc:  $Steve \ Aldrich \ < steve.aldrich \ @bp.com>, \ Peter \ Collinson \ < peter.collinson \ @uk.bp.com>, \ "wright, \ d" \ < d.wright \ @ecosystem-management.net> \ (a.c., b.com>, \ b.com>$ 

Date: 05/21/2010 09:24 AM

Subject: Fwd: event report -- Brooks McCall 5/21

AII,

I am forwarding an "event report" from David Wright on the Brooks McCall. Great summary of today's effort.

Let me know if you do not want to receive these reports. I am not sure who received them in the past, so I am using the distribution list I use for the Brooks-McCall daily report.

Thanks,

Rees

509-944-5552

---- Forwarded Message -----

From: "d wright" <d.wright@ecosystem-management.net> To: "Peter Collinson" <peter.collinson@uk.bp.com> Cc: madsenrc@comcast.net Sent: Friday, May 21, 2010 7:41:30 AM GMT -06:00 US/Canada Central

Subject: event report

All,

Equipment in the water at 0715. We plan to stay close to source today to track new plume. Plume apparently much smaller than last week. Will circle spill site fairly close in today. All is well.

----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

Craig Carroll/R6/USEPA/US@EPA, Paige Delgado/R6/USEPA/US@EPA, Eric Delgado/R6/USEPA/US@EPA, Terry Burton/R6/USEPA/US@EPA

Cc: Steve Mason/R6/USEPA/US@EPA

Date: 05/21/2010 09:34 AM

Subject: Fw: EU Review of Brooks McCall data from May 20 2010

Members of the EU, including representatives from NOAA, EPA, BP, and USCG met at 7:00 AM, reviewed the subject report, and offered the following observations / questions.

- 1) No data received to date are near the shutoff criteria established for Dissolved Oxygen or Toxicity
- 2) Data from May 20 appears to indicate that the dispersed plume is smaller
- 3) Since injection was continuous, currents were the same, and sampling methods were identical, it appears that the smaller plume footprint could be due to weaker source strength (lower release rate)
- 4) At least one sampling location, that is near the dispersant injection side will be re-sampled each day in order to allow simple trend analysis. This will typically be the sample that will be used forRototox analysis since it should have the highest hydrocarbon concentrations
- 5) BP will:

Check on ship to ship sample transfer and resupply options to allow the Brooks McCall to remain on station through the Top Kill procedure

Check on status of hydrocarbon analysis data

check into possibility of getting sonar data from ROVs to help guide sampling efforts

6) NOAA Will:

Check on problems with Rototox from yesterday

Verify which DO probes are being used on a daily basis

Maintain intersaction with modelling team to coordinate model results with sample collection strategies.

Maintain shore to ship communications between EU and Brooks McCall

Run a GNOME model based on the previous sampling results

---- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: Steve Mason/R6/USEPA/US

To: Steve Mason/R6/USEPA/US@EPA, James Staves/R6/USEPA/US@EPA

Cc: Althea Foster/R6/USEPA/US@EPA, Craig Carroll/R6/USEPA/US@EPA, Nancy Jones/R6/USEPA/US@EPA, R6 DWH Info@EPA

Date: 05/21/2010 09:35 AM Subject: Re: Fw: Requests

Staves may have found a lead on the maps in the Sit Unit after all... guess it depends on who you ask and what time in the morning... he will let us know what he finds out...

Faithfully yours

Steve

"Frequently, my thoughts get bored and walk down to my mouth. Often, this is a bad thing."

Steve Mason, EPA Region 6 (6SF-PE) 1445 Ross Avenue, Dallas, TX 75202 214-665-2276 / 214-665-2278 fax

▼ Steve Mason---05/21/2010 .09:26:43 AM---Althea. In regards to your questions, I went to the Situation Unit to determine if those maps exist

From: Steve Mason/R6/USEPA/US

To: Craig Carroll/R6/USEPA/US@EPA, Nancy Jones/R6/USEPA/US@EPA, R6 DWH Info@EPA

Cc: Althea Foster/R6/USEPA/US@EPA

Date: 05/21/2010 09:26 AM Subject: Re: Fw: Requests

Althea,

In regards to your questions, I went to the Situation Unit to determine if those maps exist... They indicated they do not have those here in Robert....

Before I was able to talk to Charlie, I saw that Craig had already sent him an email... Craig have you received a response back from Charlie... no sense both of chasing Charlie (he is busy enough)

Nancy, have you seen these maps down in Houma, either with NOAA or in the Situation Unit

Faithfully yours

Steve

"Frequently, my thoughts get bored and walk down to my mouth. Often, this is a bad thing."

Steve Mason, EPA Region 6 (6SF-PE) 1445 Ross Avenue, Dallas, TX 75202 214-665-2276 / 214-665-2278 fax From: Craig Carroll/R6/USEPA/US

charlie.henry@noaa.gov To:

jessica.white@noaa.gov, Steve Mason/R6/USEPA/US@EPA

Date: 05/20/2010 07:57 PM Subject: Fw: Requests

# Charlie,

See the requests below from my Deputy Administrator passed through my RA. How do you recommend I respond to the NOAA questions? Are all the answers on Response Link?

Craig Carroll Chief, Emergency Readiness Section EPA Region 6
Ph: 214-665-2220
Fax: 214-665-9718
----- Forwarded by Craig Carroll/R6/USEPA/US on 05/20/2010 07:54 PM -----

Susan Webster/R6/USEPA/US Craig Carroll/R6/USEPA/US@EPA Date: 05/20/2010 04:46 PM

Subject: Fw: Requests

Susan D. Webster REOC US EPA Region 6 214.789.2667 (c)

----- Forwarded by Susan Webster/R6/USEPA/US on 05/20/2010 04:45 PM -----

# Requests

to: Lawrence Starfield, Sam Coleman, Mark Hansen, Jon Rauscher, Susan Webster Armendariz

05/20/2010 02:20 PM

Hello Everyone,

From my notes of this morning's EOC call, I wanted to make sure the following items were assigned to somebody for follow-up and completion.

(1) from Dana: Before we comment or send anything in writing to anybody about the barrier island/berm plan, we should send the document to Dana Tulis, with cc:s to Bob P and Janet Woodka, so that THEY can distribute.

(2) from Bob P: Someone in Robert should evaluate the media reports of thick crude, as well as NOAA's maps of marshes with oil impacts, and NOAA's maps of areas that have been boomed to determine: are the areas that are being impacted by thick crude areas that were/were not boomed?

(3) from Bob P: I need a map (if one exists) about how extensive the thick crude impacts on marshes are, in terms of approximate length of impact (either confirmed or virtually-confirmed)? Perhaps NOAA has maps or an estimate of impact?

Also, before COB today, can someone please please please send me the copy of the Word file of our sampling plan, even if it is not done and has not yet been edited to reflect comments received from other groups within EPA? I need to see where we are on this.

Thanks

ΑI

---- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: Mark Hansen/R6/USEPA/US

"Steve Mason" <Mason.Steve@epamail.epa.gov>, "Craig Carroli" <Carroll.Craig@epamail.epa.gov> To:

Date: 05/21/2010 09:40 AM Subject: Fw: Clarification re: Wetlands

SCAT teams? Sent by Blackberry Mark Hansen Associate Director for Prevention and Response Superfund Division U.S. EPA Region 6 Dallas, Texas 75202 Cell Phone 214 789-2162

Sam Coleman

---- Original Message --------- Original Message ----From: Sam Coleman
Sent: 05/21/2010 09:29 AM CDT
To: Craig Carroll; Mark Hansen
Subject: Fw: Clarification re: Wetlands
Let me know if need to and how we can implement this Samuel Coleman, P.E. Director, Superfund Division Region 6 214 665-6701 214 789-2016 (cell) coleman.sam@epa.gov

----- Forwarded by Sam Coleman/R6/USEPA/US on 05/21/2010 09:28 AM -----

From: Mathy Stanislaus/DC/USEPA/US

To: "Sam Coleman" <Coleman.Sam@epamail.epa.gov>

Cc: "Paul Anastas" <Anastas.Paul@epamail.epa.gov>, "Dana Tulis" <Tulis.Dana@epamail.epa.gov>

Date: 05/21/2010 08:21 AM
Subject: Clarification re: Wetlands

Sam: EPA should be involved in CG,NOA, ROI's response to Wetlands cleanup to provide guidance re: standards/best practices for wetlands re mediation. Paul - please add

----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: James Staves/R6/USEPA/US
To: Steve Mason/R6/USEPA/US@EPA

Date: 05/21/2010 09:43 AM

Subject: Re: map

I'm told that the best source for current information are the SCAT maps, which are in ERMA. Harvey Simon, or his contractors should be able to pull it up. I'm actually looking at it now, courtesy of Michelle .

----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: Dana Tulis/DC/USEPA/US

To: Steve Mason/R6/USEPA/US@EPA, Sam Coleman/R6/USEPA/US@EPA

Date: 05/21/2010 09:47 AM Subject: USCG data on surface

Do we have the data USCG collected regarding the surface application (SMART 3+)? The scientists are having a call right now and are saying they have not seen the data related to surface application...can you please send whatever you have...

thanks, Erica

-----

Dana S. Tulis
Acting Office Director
Office of Emergency Management
Environmental Protection Agency
202-564-8600

# ▼ Steve Mason---05/19/2010 11:38:28 PM---Faithfully yours Steve

From: Steve Mason/R6/USEPA/US

To: Sam Coleman/R6/USEPA/US@EPA, Dana Tulis/DC/USEPA/US@EPA

Date: 05/19/2010 11:38 PM Subject: Signed Directive

[attachment "Dispersant Monitoring Directive 1 Addendum 2.pdf" deleted by Dana Tulis/DC/USEPA/US]

Faithfully yours Steve

"Frequently, my thoughts get bored and walk down to my mouth. Often, this is a bad thing."

Steve Mason, EPA Region 6 (6SF-PE) 1445 Ross Avenue, Dallas, TX 75202 214-665-2276 / 214-665-2278 fax

----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: Eric Paisley/R6/USEPA/US

To: Christopher Burgess/DC/USEPA/US@EPA

Cc: William Bradley/R6/USEPA/US@EPA, Lisa Bokun/R6/USEPA/US@EPA, Steve Mason/R6/USEPA/US@EPA, James Staves/R6/USEPA/US@EPA

Date: 05/21/2010 09:47 AM

Subject: Fw: QUOTE FOR MARITIME SYSTEM RENTAL

Eric Paisley Office of Emergency Response Logistics Response EPA Region 6 Dallas TX. Office: 214.665.6405 Cell: 214.789.8750

Forwarded by Eric Paisley/R6/USEPA/US on 05/21/2010 09:45 AM -----

From: "Tony Miri" <tmiri@att.net> Eric Paisley/R6/USEPA/US@EPA To: Date: 05/21/2010 09:29 AM

Subject: QUOTE FOR MARITIME SYSTEM RENTAL

Attached is the quote you requested for rental of a maritime satellite system for a 3 month period. I assume at this time that the bandwidth will be provided through your NARFCOM contract which will not add any additional cost for the service.

Tony Miri Miri Microsystems, LLC 810 742-0019

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----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: Craig Carroll/R6/USEPA/US Steve Mason/R6/USEPA/US@EPA To: R6 DWH REOC RIC@EPA Cc: 05/21/2010 10:01 AM Subject: Fw: Dispersant Meetings for Today

You aware of this one?

Craig Carroll Chief, Emergency Readiness Section EPA Region 6 Ph: 214-665-2220 Fax: 214-665-9718

---- Forwarded by Craig Carroll/R6/USEPA/US on 05/21/2010 10:01 AM -----

Sam Coleman/R6/USEPA/US

Dana Tulis/DC/USEPA/US@EPA, coleman sam@epa.gov, Al Armendariz/R6/USEPA/US@EPA, Lawrence Starfield/R6/USEPA/US@EPA, Craig Carroll/R6/USEPA/US@EPA, mary.e.landry@uscg.mil, James.E.Hanzalik@uscg.mil, james.a.watson@uscg.mil, charlie.henry@noaa.gov, James Staves/R6/USEPA/US@EPA, Albert Venosa/CI/USEPA/US@EPA To:

05/21/2010 09:39 AM Subject: Dispersant Meetings for Today

We have two meetings set for today.

All times are CDT

EPA, NOAA, USCG Government only discussion (Need to determine LPJ availability and participation) 2:45pm

4:00 pm Add BP Representatives (Suttles participation needs to be confirmed)

Samuel Coleman, P.E. Director, Superfund Division Region 6 214 665-6701 214 789-2016 (cell) coleman.sam@epa.gov

---- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: Christopher Burgess/DC/USEPA/US Eric Paisley/R6/USEPA/US@EPA

James Staves/R6/USEPA/US@EPA, Lisa Bokun/R6/USEPA/US@EPA, Steve Mason/R6/USEPA/US@EPA, William Bradley/R6/USEPA/US@EPA, Jon Guich/R5/USEPA/US@EPA, Jared VanBuskirk/DC/USEPA/US@EPA

Date: 05/21/2010 10:00 AM

Subject: Re: Fw: QUOTE FOR MARITIME SYSTEM RENTAL

This is much easier to digest. I will order this with Jared this morning as long as we have confirmed that we have a place to install this on the Ship and we have the time to do so before the next sampling mission.

Please advise.

Christopher Burgess EPA Office of Emergency Management Emergency Operations Center Team Leader (p) 202.564.8026 (EOC 24hr) 202.564.3850 http://intranet.epa.gov/eoc

Mailing Address: U.S. Environmental Protection Agency Ariel Rios North Building Mail Code: 5104A Room B441A

1200 Pennsylvania Ave. NW Washington DC 20460

FEDEX and UPS deliveries use same address, change zip code - use 20004 instead

# ▼ Eric Paisley---05/21/2010 10:47:42 AM---Rental price for maritime satellite, Eric Paisley Office of Emergency Response

Eric Paisley/R6/USEPA/US

Christopher Burgess/DC/USEPA/US@EPA To:

William Bradley/R6/USEPA/US@EPA, Lisa Bokun/R6/USEPA/US@EPA, Steve Mason/R6/USEPA/US@EPA, James Staves/R6/USEPA/US@EPA

05/21/2010 10:47 AM

Subject: Fw: QUOTE FOR MARITIME SYSTEM RENTAL

Rental price for maritime satellite.

Eric Paisley Office of Emergency Response Logistics Response EPA Region 6 Dallas TX. Office: 214.665.6405

Cell: 214.789.8750 ----- Forwarded by Eric Paisley/R6/USEPA/US on 05/21/2010 09:45 AM -----

From: "Tony Miri" < tmiri@att.net> Eric Paisley/R6/USEPA/US@EPA Date: 05/21/2010 09:29 AM

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----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: Craig Carroll/R6/USEPA/US Nancy Jones/R6/USEPA/US@EPA To:

Eric Delgado/R6/USEPA/US@EPA, Steve Mason/R6/USEPA/US@EPA, R6 DWH REOC RIC@EPA, Althea Foster/R6/USEPA/US@EPA, Paige Delgado/R6/USEPA/US@EPA

Subject: Fw: map

Nancy,

Can Marty find this info in Houma?

Craig Carroll
Chief, Emergency Readiness Section
EPA Region 6
Ph: 214-665-2220
Fax: 214-665-9718
by Craig Carroll/R6/USEPA/US on 05/21/2010 10:03 AM -----

----- Forwarded by

From: Steve Mason/R6/USEPA/US

Althea Foster/R6/USEPA/US@EPA, Craig Carroll/R6/USEPA/US@EPA To:

Date: 05/21/2010 09:53 AM

Subject: Fw: map

Faithfully yours

"Frequently, my thoughts get bored and walk down to my mouth. Often, this is a bad thing."

Steve Mason, EPA Region 6 (6SF-PE) 1445 Ross Avenue, Dallas, TX 75202 214-665-2276 / 214-665-2278 fax

From: James Staves/R6/USEPA/US Steve Mason/R6/USEPA/US@EPA To:

05/21/2010 09:43 AM Date: Subject: Re: map

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From: Jared VanBuskirk/DC/USEPA/US

Christopher Burgess/DC/USEPA/US@EPA To:

Eric Paisley/R6/USEPA/US@EPA, James Staves/R6/USEPA/US@EPA, Jon Gulch/R5/USEPA/US@EPA, Lisa Bokun/R6/USEPA/US@EPA, Steve Mason/R6/USEPA/US@EPA, William Bradley/R6/USEPA/US@EPA

Date: 05/21/2010 10:03 AM

Subject: Re: Fw: QUOTE FOR MARITIME SYSTEM RENTAL

Can you please send me a copy of the quote?

Jared F. Van Buskirk **Contracting Officer Environmental Protection Agency** OARM/OAM/SRRPOD/HCSC (202) 564-3010 phone (202) 565-2557 fax vanbuskirk.jared@epa.gov

# V Christopher Burgess---05/21/2010 11:00:47 AM---This is much easier to digest. I will order this with Jared this morning as long as we have confirm

Christopher Burgess/DC/USEPA/US

To: Eric Paisley/R6/USEPA/US@EPA

James Staves/R6/USEPA/US@EPA, Lisa Bokun/R6/USEPA/US@EPA, Steve Mason/R6/USEPA/US@EPA, William Bradley/R6/USEPA/US@EPA, Jon Gulch/R5/USEPA/US@EPA, Jared VanBuskirk/DC/USEPA/US@EPA Cc:

05/21/2010 11:00 AM

Subject: Re: Fw: QUOTE FOR MARITIME SYSTEM RENTAL

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FFDFX and UPS deliveries use same address, change zip code - use 20004 instead

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From: Eric Paisley/R6/USEPA/US

Christopher Burgess/DC/USEPA/US@EPA

William Bradley/R6/USEPA/US@EPA, Lisa Bokun/R6/USEPA/US@EPA, Steve Mason/R6/USEPA/US@EPA, James Staves/R6/USEPA/US@EPA

Date: 05/21/2010 10:47 AM

Subject: Fw: QUOTE FOR MARITIME SYSTEM RENTAL

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Eric Paisley
Office of Emergency Response
Logistics Response
EPA Region 6 Dallas TX.
Office: 214.665.6405 Cell: 214.789.8750

orwarded by Eric Paisley/R6/USEPA/US on 05/21/2010 09:45 AM ----

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Subject: QUOTE FOR MARITIME SYSTEM RENTAL

Eric

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Tony Miri Miri Microsystems, LLC 810 742-0019

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From: Eric Delgado/R6/USEPA/US on 05/22/2010 05:35 AM ....

From: Eric Delgado/R6/USEPA/US

Craig Carroll/R6/USEPA/US@EPA, Nancy Jones/R6/USEPA/US@EPA

Cc: Steve Mason/R6/USEPA/US@EPA, R6 DWH REOC RIC@EPA, Althea Foster/R6/USEPA/US@EPA, Paige Delgado/R6/USEPA/US@EPA

Subject: Re: map

Raj has connected to ERMA

Marty is very busy getting a document out for Craig

# ▼ Craig Carroll

```
----- Original Message ----
From: Craig Carroll
Sent: 05/21/2010 10:03 AM CDT
To: Nancy Jones
Cc: Eric Delgado; Steve Mason; R6 DWH REOC RIC; Althea Foster; Paige Delgado
Subject: Fw: map
Nancy,

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Craig Carroll
Chief, Emergency Readiness Section
EPA Region 6
Ph: 214-665-2220
Fax: 214-665-9718
----- Forwarded by Craig Carroll/R6/USEPA/US
From: Steve Mason/R6/USEPA/US
To: Althea Foster/R6/USEPA/US@EPA, Craig Carroll/R6/USEPA/US@EPA
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Faithfully yours Steve

Date: 05/21/2010 09:53 AM Subject: Fw: map

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Steve Mason, EPA Region 6 (6SF-PE) 1445 Ross Avenue, Dallas, TX 75202 214-665-2276 / 214-665-2278 fax

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 James Staves/R6/USEPA/US

 To:
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 Date:
 05/21/2010 09:43 AM

 Subject:
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Form: Nancy Jones/R6/USEPA/US

Firm: Nancy Jones/R6/USEPA/US

Firm: Eric Delgado/R6/USEPA/US

Eric Delgado/R6/USEPA/US@EPA, Craig Carroll/R6/USEPA/US@EPA

CC: Steve Mason/R6/USEPA/US@EPA, R6 DWH REOC RIC@EPA, Althea Foster/R6/USEPA/US@EPA, Paige Delgado/R6/USEPA/US@EPA

Date: 05/21/2010 10:08 AM Subject: Re: map

I have previous sent a link to the SCAT ftp site to Paige and Warren. I will send it to y'all too. It should have all the maps.

```
---- Original Message -----
      From: Eric Delgado
Sent: 05/21/2010 11:06 AM EDT
To: Craig Carroll; Nancy Jones
Co: Steve Mason; R6 DWH REOC RIC; Althea Foster; Paige Delgado
Subject: Re: map
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Marty is very busy getting a document out for Craig
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Sent: 05/21/2010 10:03 AM CDT
To: Nancy Jones
Co: Eric Delgado; Steve Mason; R6 DWH REOC RIC; Althea Foster; Paige Delgado
Subject: Fw: map
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                  Chief, Emergency Readiness Section
EPA Region 6
Ph: 214-665-2220
Fax: 214-665-9718
----- Forwarded by Craig Carroll/R6/USEPA/US on 05/21/2010 10:03 AM -----
 From: Steve Mason/R6/USEPA/US
          Althea Foster/R6/USEPA/US@EPA, Craig Carroll/R6/USEPA/US@EPA
 Date: 05/21/2010 09:53 AM
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Date: 05/21/2010 10:08 AM

Subject: Re: map

Subject: Re: Fw: EU Review of Brooks McCall data from May 20 2010

Thanks Jim. Good info. I am working with Steve Mason and Nancy Jones to develop an overall reporting checklist to provide Capt. Hanzalik. My thought is we can take some of the burden off by assisting in develop of this reporting list which the FOSC can then provide to BP. Will consult with you on the form prior to distribution to USCG.

Craig Carroll Chief, Emergency Readiness Section EPA Region 6 Ph: 214-665-2220 Fax: 214-665-9718

James Staves---05/21/2010 09:34:19 AM---Members of the EU, including representatives from NOAA, EPA, BP, and USCG met at 7:00 AM, reviewed

From: James Staves/R6/USEPA/US

To: Craig Carroll/R6/USEPA/US@EPA, Paige Delgado/R6/USEPA/US@EPA, Eric Delgado/R6/USEPA/US@EPA, Terry Burton/R6/USEPA/US@EPA

Cc: Steve Mason/R6/USEPA/US@EPA

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- 1) No data received to date are near the shutoff criteria established for Dissolved Oxygen or Toxicity
- 2) Data from May 20 appears to indicate that the dispersed plume is smaller
- 3) Since injection was continuous, currents were the same, and sampling methods were identical, it appears that the smaller plume footprint could be due to weaker source strength (lower release rate)
- 4) At least one sampling location, that is near the dispersant injection side will be re-sampled each day in order to allow simple trend analysis. This will typically be the sample that will be used forRototox analysis since it should have the highest hydrocarbon concentrations

Check on ship to ship sample transfer and resupply options to allow the Brooks McCall to remain on station through the Top Kill procedure

Check on status of hydrocarbon analysis data

check into possibility of getting sonar data from ROVs to help guide sampling efforts

6) NOAA Will:

Check on problems with Rototox from yesterday

Verify which DO probes are being used on a daily basis

Maintain intersaction with modelling team to coordinate model results with sample collection strategies.

Maintain shore to ship communications between EU and Brooks McCall

Run a GNOME model based on the previous sampling results

---- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: Sam Coleman/R6/USEPA/US Dana Tulis/DC/USEPA/US@EPA Steve Mason/R6/USEPA/US@EPA Date: 05/21/2010 10:15 AM Subject: Re: USCG data on surface

> NO ONE has done Tier III +. James Staves/ Terry Burton need to be involved in that discussion. You told me this am that your staff had reviewed this info. How can they discuss without data? Why are HQ staff doing things without coordinating with the people that are working on the issue?

Samuel Coleman, P.E. Director, Superfund Division Region 6 214 665-6701 214 789-2016 (cell) coleman.sam@epa.gov

▼ Dana Tulis---05/21/2010 09:47:05 AM---Do we have the data USCG collected regarding the surface application (SMART 3+)? The scientists are

Dana Tulis/DC/USEPA/US

Steve Mason/R6/USEPA/US@EPA, Sam Coleman/R6/USEPA/US@EPA

Date: 05/21/2010 09:47 AM Subject: USCG data on surface

Do we have the data USCG collected regarding the surface application (SMART 3+)? The scientists are having a call right now and are saying they have not seen the data related to surface application...can you please send whatever you have...

thanks, Frica

Dana S. Tulis Acting Office Director Office of Emergency Management Environmental Protection Agency 202-564-8600

▼ Steve Mason---05/19/2010 11:38:28 PM---Faithfully yours Steve

From: Steve Mason/R6/USEPA/US

Sam Coleman/R6/USEPA/US@EPA, Dana Tulis/DC/USEPA/US@EPA

05/19/2010 11:38 PM Subject: Signed Directive

[attachment "Dispersant Monitoring Directive 1 Addendum 2.pdf" deleted by Dana Tulis/DC/USEPA/US]

Faithfully yours

"Frequently, my thoughts get bored and walk down to my mouth. Often, this is a bad thing."

Steve Mason, EPA Region 6 (6SF-PE) 1445 Ross Avenue, Dallas, TX 75202 214-665-2276 / 214-665-2278 fax

----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: Nancy Jones/R6/USEPA/US

Eric Delgado/R6/USEPA/US@EPA, Paige Delgado/R6/USEPA/US@EPA, Craig Carroll/R6/USEPA/US@EPA, Steve Mason/R6/USEPA/US@EPA, R6 DWH REOC RIC@EPA

Date: 05/21/2010 10:26 AM Subject: Fw: FTP site for SCAT data

I sent the first ftp site with this info a while back but I got this new one yesterday. see below ----- Forwarded by Nancy Jones/R6/USEPA/US on 05/21/2010 10:23 AM -----

Fw: FTP site for SCAT data

Nancy to: Warren Zehner, Paige Delgado, Eric Delgado Jones

05/20/2010 09:07 AM

Cc: "R6\_DWH\_Info@epamail.epa.gov"

Sent by EPA Wireless E-Mail Services

From: "Jon Whitlock" [jwhitlock@researchplanning.com]
Sent: 05/20/2010 10:05 AM AST

To: <KC.Leidolph@obriensrm.com>; Nancy Jones; <amorrow@entrix.com>
Co: "Chris Locke" <clocke@researchplanning.com>; "jacqui michel" <jmichel@researchplanning.com>

Subject: FTP site for SCAT data

All,

We have now started uploading all the STRs to a new FTP site since the file size on these is quite large with photos and maps included. Please see the attached instructions for access and let me know if you have questions.

Thanks.

Jonathan Whitlock GIS Analyst (704)910-7422 cell www.researchplanning.com

The daily SCAT maps are now available at the NOAA Response ftp site. Also stored on the ftp site are the STR's - instructions for cleanup.

I will attach information for how to connect to the site, together with username and password info.

The information provided on this site should be considered to be non-public information. Distribution / dissemination of this information to anyone other than response personnel with the need to know is prohibited unless and until permission to distribute / disseminate is granted from the Joint Information Center (JIC).



SCAT FTP Windows access instructions 180510.docx ATT31873432.htm

----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: James Staves/R6/USEPA/US

Steve Mason/R6/USEPA/US@EPA, Christopher Burgess/DC/USEPA/US@EPA, Eric Paisley/R6/USEPA/US@EPA

Date: 05/21/2010 10:34 AM Subject: Satellite for the Brooks McCall

Have we considered just providing Fred an irridium phone? Slow baud rate, but it should work.

lim

---- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: James Staves/R6/USEPA/US
To: Steve Mason/R6/USEPA/US@EPA
Date: 05/21/2010 10:30 AM

Date: 05/21/2010 10:30 A Subject: Re: Fw: map

Actually, for the surface dispersant, SMART monitoring data, there is only one set in ERMA, and it was FROM Raj. We need to see if he can get, or has more, that just hasnt made it onto ERMA yet.

Thanks,

lim

----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

 From:
 Craig Carroll/R6/USEPA/US

 To:
 Steve Mason/R6/USEPA/US@EPA

 Cc:
 R6 DWH REOC RIC@EPA

 Date:
 05/21/2010 10:31 AM

Subject: Re: Fw: Dispersant Meetings for Today

ok

Craig Carroll
Chief, Emergency Readiness Section
EPA Region 6
Ph: 214-665-2220

Ph: 214-665-2220 Fax: 214-665-9718

▼ Steve Mason---05/21/2010 10:18:28 AM---Yes Sam had me set them up Faithfully yours

 From:
 Steve Mason/R6/USEPA/US

 To:
 Craig Carroll/R6/USEPA/US@EPA

 Cc:
 R6 DWH REOC RIC@EPA

 Date:
 05/21/2010 10:18 AM

Subject: Re: Fw: Dispersant Meetings for Today

Yes Sam had me set them up

Faithfully yours Steve

"Frequently, my thoughts get bored and walk down to my mouth. Often, this is a bad thing."

Steve Mason, EPA Region 6 (6SF-PE) 1445 Ross Avenue, Dallas, TX 75202 214-665-2276 / 214-665-2278 fax

# ▼ Craig Carroll---05/21/2010 10:01:31 AM---You aware of this one? Craig Carroll

From: Craig Carroll/R6/USEPA/US
To: Steve Mason/R6/USEPA/US@EPA
Cc: R6 DWH REOC RIC@EPA
Date: 05/21/2010 10:01 AM
Subject: Fw: Dispersant Meetings for Today

You aware of this one?

Craig Carroll Chief, Emergency Readiness Section EPA Region 6 Ph: 214-665-2220 Fax: 214-665-9718

 $\label{eq:Fax: 214-665-9718} Fax: \ 214-665-9718 \\ ----- Forwarded \ by \ Craig \ Carroll/R6/USEPA/US \ on \ 05/21/2010 \ 10:01 \ AM -----$ 

From: Sam Coleman/R6/USEPA/US

To: Dana Tulis/DC/USEPA/US@EPA, coleman.sam@epa.gov, Al Armendariz/R6/USEPA/US@EPA, Lawrence Starfield/R6/USEPA/US@EPA, Craig Carroll/R6/USEPA/US@EPA, mary.e.landry@uscg.mil, James.E.Hanzalik@uscg.mil, james.a.watson@uscg.mil, charlie.henry@noaa.gov, James Staves/R6/USEPA/US@EPA, Albert Venosa/CI/USEPA/US@EPA

Date: 05/21/2010 09:39 AM
Subject: Dispersant Meetings for Today

We have two meetings set for today.

All times are CDT

2:45pm EPA, NOAA, USCG Government only discussion (Need to determine LPJ availability and participation)

4:00 pm Add BP Representatives (Suttles participation needs to be confirmed)

Samuel Coleman, P.E. Director, Superfund Division Region 6 214 665-6701 214 789-2016 (cell) coleman.sam@epa.gov

---- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: Craig Carroll/R6/USEPA/US

Eric Delgado/R6/USEPA/US@EPA

Althea Foster/R6/USEPA/US@EPA, Nancy Jones/R6/USEPA/US@EPA, Paige Delgado/R6/USEPA/US@EPA, R6 DWH REOC RIC@EPA, Steve Mason/R6/USEPA/US@EPA

Date: 05/21/2010 10:34 AM

Subject: Re: map

Thank you

Craig Carroll Chief, Emergency Readiness Section EPA Region 6 Ph: 214-665-2220

Fax: 214-665-9718

▼ Eric Delgado---05/21/2010 10:06:10 AM----Raj has connected to ERMA Marty is very busy getting a document out for Craig

From: Eric Delgado/R6/USEPA/US

Craig Carroll/R6/USEPA/US@EPA, Nancy Jones/R6/USEPA/US@EPA To:

Steve Mason/R6/USEPA/US@EPA, R6 DWH REOC RIC@EPA, Althea Foster/R6/USEPA/US@EPA, Paige Delgado/R6/USEPA/US@EPA

Date: 05/21/2010 10:06 AM

Subject: Re: map

Raj has connected to ERMA

Marty is very busy getting a document out for Craig

▼ Craig Carroll

---- Original Message ---From: Craig Carroll
Sent: 05/21/2010 10:03 AM CDT
To: Nancy Jones
Co: Eric Delgado; Steve Mason; R6 DWH REOC RIC; Althea Foster; Paige Delgado Subject: Fw: map
Nancy,

Can Marty find this info in Houma?

Craig Carroll Chief, Emergency Readiness Section EPA Region 6 Ph: 214-665-2220

Fax: 214-665-9718 ----- Forwarded by Craig Carroll/R6/USEPA/US on 05/21/2010 10:03 AM -----

From: Steve Mason/R6/USEPA/US

Althea Foster/R6/USEPA/US@EPA, Craig Carroll/R6/USEPA/US@EPA To: Date: 05/21/2010 09:53 AM

Subject: Fw: map

Faithfully yours Steve

"Frequently, my thoughts get bored and walk down to my mouth. Often, this is a bad thing."

Steve Mason, EPA Region 6 (6SF-PE) 1445 Ross Avenue, Dallas, TX 75202 214-665-2276 / 214-665-2278 fax

----- Forwarded by Steve Mason/R6/USEPA/US on 05/21/2010 09:46 AM -----

From: James Staves/R6/USEPA/US Steve Mason/R6/USEPA/US@EPA Date: 05/21/2010 09:43 AM

Subject: Re: map

I'm told that the best source for current information are the SCAT maps, which are in ERMA. Harvey Simon, or his contractors should be able to pull it up. I'm actually looking at it now, courtesy of Michelle .

---- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: Craig Carroll/R6/USEPA/US Steve Mason/R6/USEPA/US@EPA To:

Althea Foster/R6/USEPA/US@EPA, Eric Delgado/R6/USEPA/US@EPA, James Staves/R6/USEPA/US@EPA, John Martin/R6/USEPA/US@EPA, Paige Delgado/R6/USEPA/US@EPA, R6 DWH Info@EPA, Richard Mayer/R6/USEPA/US@EPA, Ronnie Crossland/R6/USEPA/US@EPA

Date: 05/21/2010 10:36 AM

Subject: Re: Subsea Dispersant: Daily Report for 5/20/10

Thanks. Althea make sure this info gets into SitRep. Thanks

Craig Carroll Chief, Emergency Readiness Section EPA Region 6 Ph: 214-665-2220 Fax: 214-665-9718

## ▼ Steve Mason---05/21/2010 09:35:27 AM--- Here is the report on dispersant use:

From: Steve Mason/R6/USEPA/US

Craig Carroll/R6/USEPA/US@EPA, James Staves/R6/USEPA/US@EPA, John Martin/R6/USEPA/US@EPA, Althea Foster/R6/USEPA/US@EPA, Paige Delgado/R6/USEPA/US@EPA, Eric Delgado/R6/USEPA/US@EPA, Ronnie Crossland/R6/USEPA/US@EPA, R6 DWH Info@EPA, Richard Mayer/R6/USEPA/US@EPA To:

Date: 05/21/2010 09:35 AM

Subject: Subsea Dispersant: Daily Report for 5/20/10

Here is the report on dispersant use:

Start: 5/19 2200

Stop: 5/20 2200

Rate: 10 gpm

Volume: 14,210

Note: There was one disruption of injection from 2145 - 2158 on 5/20.

---- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: Jared VanBuskirk/DC/USEPA/US

Christopher Burgess/DC/USEPA/US@EPA

Eric Paisley/R6/USEPA/US@EPA, James Staves/R6/USEPA/US@EPA, Jon Gulch/R5/USEPA/US@EPA, Lisa Bokun/R6/USEPA/US@EPA, Steve Mason/R6/USEPA/US@EPA, William Bradley/R6/USEPA/US@EPA

Date: 05/21/2010 10:40 AM

Subject: Re: Fw: QUOTE FOR MARITIME SYSTEM RENTAL

Here are pictures online of a similar install on a USCG vessel of a 1M dish that weighs 190 lbs.

http://www.mobilsat.com/marine-satellite-internet-andTV/Marine-TV/4004-install-USCG.htm

Jared F. Van Buskirk **Contracting Officer** Environmental Protection Agency OARM/OAM/SRRPOD/HCSC (202) 564-3010 phone (202) 565-2557 fax vanbuskirk.jared@epa.gov

# ▼ Christopher Burgess---05/21/2010 11:00:47 AM---This is much easier to digest. I will order this with Jared this morning as long as we have confirm

From: Christopher Burgess/DC/USEPA/US

Eric Paisley/R6/USEPA/US@EPA To:

James Staves/R6/USEPA/US@EPA, Lisa Bokun/R6/USEPA/US@EPA, Steve Mason/R6/USEPA/US@EPA, William Bradley/R6/USEPA/US@EPA, Jon Gulch/R5/USEPA/US@EPA, Jared VanBuskirk/DC/USEPA/US@EPA

Date: 05/21/2010 11:00 AM

Subject: Re: Fw: QUOTE FOR MARITIME SYSTEM RENTAL

This is much easier to digest. I will order this with Jared this morning as long as we have confirmed that we have a place to install this on the Ship and we have the time to do so before the next sampling mission.

Please advise.

- Christopher Burgess

EPA Office of Emergency Management Emergency Operations Center Team Leader (p) 202.564.8026 (EOC 24hr) 202.564.3850 http://intranet.epa.gov/eoc

Mailing Address: U.S. Environmental Protection Agency Ariel Rios North Building Mail Code: 5104A Room B441A 1200 Pennsylvania Ave. NW Washington DC 20460

FEDEX and UPS deliveries

use same address, change zip code - use 20004 instead

# ▼ Eric Paisley---05/21/2010 10:47:42 AM---Rental price for maritime satellite. Eric Paisley Office of Emergency Response

From: Eric Paisley/R6/USEPA/US

To: Christopher Burgess/DC/USEPA/US@EPA

Cc: William Bradley/R6/USEPA/US@EPA, Lisa Bokun/R6/USEPA/US@EPA, Steve Mason/R6/USEPA/US@EPA, James Staves/R6/USEPA/US@EPA

Date: 05/21/2010 10:47 AM

Subject: Fw: QUOTE FOR MARITIME SYSTEM RENTAL

Rental price for maritime satellite.

Eric Paisley Office of Emergency Response Logistics Response EPA Region 6 Dallas TX. Office: 214.665.6405 Cell: 214.789.8750

----- Forwarded by Eric Paisley/R6/USEPA/US on 05/21/2010 09:45 AM -----

From: "Tony Mirl" < tmiri@att.net>
To: Eric Paisley/R6/USEPA/US@EPA

Date: 05/21/2010 09:29 AM

Subject: QUOTE FOR MARITIME SYSTEM RENTAL

#### Eric.

Attached is the quote you requested for rental of a maritime satellite system for a 3 month period. I assume at this time that the bandwidth will be provided through your NARFCOM contract which will not add any additional cost for the service.

Tony Miri Miri Microsystems, LLC 810 742-0019

CONFIDENTIAL: this email data is for the designated recipient only and may contain privileged or confidential information. If you have received it in error, please notify the sender immediately and delete the original. Any unauthorized use of this email is prohibited [attachment "052110 EPA RNT.pdf" deleted by Christopher Burgess/DC/USEPA/US]

----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: Craig Carroll/R6/USEPA/US
To: Steve Mason/R6/USEPA/US@EPA

Cc: Althea Foster/R6/USEPA/US@EPA, Nancy Jones/R6/USEPA/US@EPA, R6 DWH Info@EPA

Date: 05/21/2010 10:36 AM Subject: Re: Fw: Requests

Didn't hear from Charlie but sounds like Nancy has it covered.

Craig Carroll Chief, Emergency Readiness Section EPA Region 6 Ph: 214-665-2220 Fax: 214-665-9718

# ▼ Steve Mason---05/21/2010 09:35:13 AM---Althea, In regards to your questions, I went to the Situation Unit to determine if those maps exist

From: Steve Mason/R6/USEPA/US

To: Craig Carroll/R6/USEPA/US@EPA, Nancy Jones/R6/USEPA/US@EPA, R6 DWH Info@EPA

Cc: Althea Foster/R6/USEPA/US@EPA
Date: 05/21/2010 09:35 AM
Subject: Re: Fw: Requests

# Althea,

In regards to your questions, I went to the Situation Unit to determine if those maps exist... They indicated they do not have those here in Robert.... Before I was able to talk to Charlie, I saw that Craig had already sent him an email... Craig have you received a response back from Charlie.... no sense both of chasing Charlie (he is busy enough)

Nancy, have you seen these maps down in Houma, either with NOAA or in the Situation Unit

Faithfully yours

Steve

"Frequently, my thoughts get bored and walk down to my mouth. Often, this is a bad thing."

Steve Mason, EPA Region 6 (6SF-PE) 1445 Ross Avenue, Dallas, TX 75202 214-665-2276 / 214-665-2278 fax

▼ Craig Carroll---05/20/2010 07:57:40 PM---Charlie. See the requests below from my Deputy Administrator passed through my RA. How do you recom

From: Craig Carroll/R6/USEPA/US

To: charlie.henry@noaa.gov

Cc: jessica.white@noaa.gov, Steve Mason/R6/USEPA/US@EPA

Date: 05/20/2010 07:57 PM Subject: Fw: Requests

Charlie.

See the requests below from my Deputy Administrator passed through my RA. How do you recommend I respond to the NOAA questions? Are all the answers on Response Link?

Craig Carroll Chief, Emergency Readiness Section EPA Region 6 Ph: 214-665-2220 Fax: 214-665-9718

---- Forwarded by Craig Carroll/R6/USEPA/US on 05/20/2010 07:54 PM -----

 From:
 Susan Webster/R6/USEPA/US

 To:
 Craig Carroll/R6/USEPA/US@EPA

 Date:
 05/20/2010 04:46 PM

 Subject:
 Fw: Requests

Susan D. Webster REOC US EPA Region 6 214.789.2667 (c)

----- Forwarded by Susan Webster/R6/USEPA/US on 05/20/2010 04:45 PM -----

# Requests

AI to: Lawrence Starfield, Sam Coleman, Mark Hansen, Jon Rauscher, Susan Webster Armendariz

05/20/2010 02:20 PM

Hello Everyone,

From my notes of this morning's EOC call, I wanted to make sure the following items were assigned to somebody for follow-up and completion.

- (1) from Dana: Before we comment or send anything in writing to anybody about the barrier island/berm plan, we should send the document to Dana Tulis, with cc:s to Bob P and Janet Woodka, so that THEY can distribute.
- (2) from Bob P: Someone in Robert should evaluate the media reports of thick crude, as well as NOAA's maps of marshes with oil impacts, and NOAA's maps of areas that have been been been been determine: are the areas that are being impacted by thick crude areas that were/were not beomed?
- (3) from Bob P: I need a map (if one exists) about how extensive the thick crude impacts on marshes are, in terms of approximate length of impact (either confirmed or virtually-confirmed)? Perhaps NOAA has maps or an estimate of impact?

Also, before COB today, can someone please please please send me the copy of the Word file of our sampling plan, even if it is not done and has not yet been edited to reflect comments received from other groups within EPA? I need to see where we are on this.

Thanks.

ΑI

----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: Jared VanBuskirk/DC/USEPA/US

To: Christopher Burgess/DC/USEPA/US@EPA, Eric Paisley/R6/USEPA/US@EPA, James Staves/R6/USEPA/US@EPA, Jon Gulch/R5/USEPA/US@EPA, Lisa Bokun/R6/USEPA/US@EPA, Steve Mason/R6/USEPA/US@EPA, William Bradley/R6/USEPA/US@EPA

Date: 05/21/2010 10:38 AM

Subject: Re: Fw: QUOTE FOR MARITIME SYSTEM RENTAL

the following questions:

1. I understand this will be installed onto the charter vessel that EPA has hired (R/V Brooks McCall). Do we have authorization from the ship owner to mount this equipment to the vessel?

The equipment includes a 1M dish and weighs 330 lbs. Are there any size concerns?

Will the installation require modification to the vessel that could constitute damage? (i.e. drilling holes in the deck or hull to mount or run cables)

Will the installation require any other parts/equipment not listed on the quote? (i.e. a mast or telescope)

Will the installation require any special devices or tools not listed on the quote or otherwise not available? (i.e. forklift, hoist, or dock crane)

How will the contractor respond to any service requests?

Thanks in advance.

-Jared

Jared F. Van Buskirk Contracting Officer Environmental Protection Agency OARM/OAM/SRRPOD/HCSC (202) 564-3010 phone

(202) 565-2557 fax vanbuskirk.iared@epa.gov

▼ Christopher Burgess---05/21/2010 11:00:47 AM---This is much easier to digest. I will order this with Jared this morning as long as we have confirm

Christopher Burgess/DC/USEPA/US

Eric Paisley/R6/USEPA/US@EPA

Cc: James Staves/R6/USEPA/US@EPA, Lisa Bokun/R6/USEPA/US@EPA, Steve Mason/R6/USEPA/US@EPA, William Bradley/R6/USEPA/US@EPA, Jon Gulch/R5/USEPA/US@EPA, Jared VanBuskirk/DC/USEPA/US@EPA

05/21/2010 11:00 AM

Subject: Re: Fw: QUOTE FOR MARITIME SYSTEM RENTAL

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Please advise.

- Christopher Burgess EPA Office of Emergency Management Emergency Operations Center Team Leader (p) 202.564.8026 (EOC 24hr) 202.564.3850 http://intranet.epa.gov/eoc

Mailing Address: U.S. Environmental Protection Agency Ariel Rios North Building Mail Code: 5104A Room B441A 1200 Pennsylvania Ave. NW Washington DC 20460

FEDEX and UPS deliveries use same address, change zip code - use 20004 instead

▼ Eric Paisley---05/21/2010 10:47:42 AM---Rental price for maritime satellite. Eric Paisley Office of Emergency Response

From: Eric Paisley/R6/USEPA/US

Christopher Burgess/DC/USEPA/US@EPA To:

William Bradley/R6/USEPA/US@EPA, Lisa Bokun/R6/USEPA/US@EPA, Steve Mason/R6/USEPA/US@EPA, James Staves/R6/USEPA/US@EPA

05/21/2010 10:47 AM

Subject: Fw: QUOTE FOR MARITIME SYSTEM RENTAL

Rental price for maritime satellite.

Eric Paisley Office of Emergency Response Logistics Response EPA Region 6 Dallas TX. Office: 214.665.6405 Cell: 214.789.8750

Forwarded by Eric Paisley/R6/USEPA/US on 05/21/2010 09:45 AM -----

From: "Tony Miri" < tmiri@att.net> Eric Paisley/R6/USEPA/US@EPA Date: 05/21/2010 09:29 AM

Subject: QUOTE FOR MARITIME SYSTEM RENTAL

Attached is the quote you requested for rental of a maritime satellite system for a 3 month period. I assume at this time that the bandwidth will be provided through your NARFCOM contract which will not add any additional cost for the service.

Tony Miri Miri Microsystems, LLC 810 742-0019 CONFIDENTIAL: this email data is for the designated recipient only and may contain privileged or confidential information. If you have received it in error, please notify the sender immediately and delete the original. Any unauthorized use of this email is prohibited [attachment "052110 EPA RNT.pdf" deleted by Christopher Burgess/DC/USEPA/US]

---- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: R6 DWH REOC FSC R6 DWH REOC FSC@EPA To:

Carol Tedford/R6/USEPA/US@EPA, Terrie Mikus/R6/USEPA/US@EPA, Linda Carter/R6/USEPA/US@EPA, Jo Gee/R6/USEPA/US@EPA, Molly Williams/C1/USEPA/US@EPA, Connie Ely/C1/USEPA/US@EPA, Evelyn Michael/C1/USEPA/US@EPA, Warren Zehner/R6/USEPA/US@EPA, Steve Mason/R6/USEPA/US@EPA, Nancy Jones/R6/USEPA/US@EPA, William Rhotenberry/R6/USEPA/US@EPA

05/21/2010 10:42 AM

Subject: Finance Estimated Detail Spending Report for May 21, 2010



DWH Incident Detailed Finance Report 5-21-10 final.xls

Cynthia Brown Removal Enforcement Coordinator 214-665-7480

---- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: Sam Coleman/R6/USEPA/US

Dana Tulis/DC/USEPA/US@EPA, Cynthia Sonich-Mullin/CI/USEPA/US@EPA, coleman.sam@epa.gov, charlie henry@noaa.gov, James.E.Hanzalik@uscg.mil To:

James Staves/R6/USEPA/US@EPA, Craig Carroll/R6/USEPA/US@EPA, Steve Mason/R6/USEPA/US@EPA, charlie.henry@noaa.gov

Date: 05/21/2010 11:11 AM Subject: Re: Fw: Need a Science Mtg

EPA, NOAA, and BP Scientist will be meeting at 12:00 CDT to discuss 3 critical issues related to dispersant:

- 1. Is surface application of Corexit effective based on the available data, and are there toxicity concerns
- Is subsurface application of Corexit effective based on available Data, and are there toxicity concerns
   Are there toxicity concerns about Sea Brat#4 and will Sea Brat #4 be effective when applied either on the surface or subsurface

Call in number is 866.299.3188 Access Code 2146652292

Samuel Coleman, P.E. Director, Superfund Division Region 6 214 665-6701 214 789-2016 (cell) coleman.sam@epa.gov

# ▼ Dana Tulis---05/21/2010 10:15:38 AM---Please include BP ------

From: Dana Tulis/DC/USEPA/US Sam Coleman/R6/USEPA/US@EPA To: Date: 05/21/2010 10:15 AM Subject: Fw: Need a Science Mtg

Please include BP

Dana S. Tulis Office Director
Office of Emergency Management
Environmental Protection Agency
202-564-8600

---- Forwarded by Dana Tulis/DC/USEPA/US on 05/21/2010 11:15 AM -----

From: Dana Tulis/DC/USEPA/US Sam Coleman/R6/USEPA/US@EPA Date: 05/21/2010 10:58 AM Subject: Need a Science Mtg

I need you to set up a meeting with the science folks from NOAA, EPA, and USCG for 12:30 EST today.

Thanks

Dana

Dana S. Tulis Acting Office Director Office of Emergency Management Environmental Protection Agency 202-564-8600

----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

James Staves/R6/USEPA/US Steve Mason/R6/USEPA/US@EPA Date: 05/21/2010 11:20 AM Subject: Re: Fw: USCG data on surface

Steve.

Do you actually have the SMART data set that will be discussed at noon. I've got nothing here so far.

---- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: "Goetzee, William" < William.W.Goetzee@uscg.mil>

Steve Mason/R6/USEPA/US@EPA Date: 05/21/2010 11:28 AM

Subject: RE: Subsea Dispersant: Daily Report for 5/20/10

# Steve

Thanks for getting the info out in my absence. But one point of clarification might be needed. Is that 2200- 2200 interval merely a reporting period?

There was no physical start nor stop at those time points (other than the identified disruption between 2145 and 2158), and the injection remained continous across both 2200

reporting points. With total volume given over that period...correct?

Again still underway after the second 2200 time that says STOP. This might confuse people if you state it like that in the POLREP without clarifying there was no actual start or stop at the 2200 marks in time...with them being merely reporting benchmarks with voume dispensed over that 24-hr period. Sorrry for any confusion over the consistency of reporting for the polrep...and again many thanks for covering this while I'm gone

Sent with Good (www.good.com)

----Original Message-----

From: Mason.Steve@epamail.epa.gov [mailto:Mason.Steve@epamail.epa.gov] Sent: Friday, May 21, 2010 09:44 AM Eastern Standard Time

To: madsenrc@comcast.net

Cc: Charlie Henry-NOAA; Rainey, David; Hanzalik, James CAPT; Carragher, Peter; Aldrich, Steve; Goetzee, William

Re: Subsea Dispersant: Daily Report for 5/20/10 Subject:

Perfect... thanks for the information

Faithfully yours

"Frequently, my thoughts get bored and walk down to my mouth. Often, this is a bad thing."

Steve Mason, EPA Region 6 (6SF-PE) 1445 Ross Avenue, Dallas, TX 75202 214-665-2276 / 214-665-2278 fax

From:

madsenrc@comcast.net

"Hanzalik, James" <james.e.hanzalik@uscg.mil>, "Henry, Charlie"

<charlie.henry@noaa.gov>, Steve Mason/R6/USEPA/US@EPA, "goetzee, william"

<william.w.goetzee@uscg.mil>

Cc:
"Rainey, David" <david.rainey@bp.com>, "Carragher, Peter"
<peter.carragher2@bp.com>, "Aldrich, Steve" <steve.aldrich@bp.com>

Date:

05/21/2010 08:36 AM

Subject: Subsea Dispersant: Daily Report for 5/20/10

Gentlemen,

Here is the report on dispersant use:

Start: 5/19 2200 Stop: 5/20 2200

Rate: 10 gpm Volume: 14,210

Note: There was one disruption of injection from 2145 - 2158 on 5/20.

Please contact me if you have questions.

Thanks.

Rees Madsen 509-944-5552

----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: "Fuller, Kris" < Kris.Fuller@WestonSolutions.com>

Steve Mason/R6/USEPA/US@EPA Date: 05/21/2010 11:40 AM Subject: Situation Executive Summary

Hey Steve, the Situation Executive Summary sheet that contains information about total feet of boom, last 24-hour operation period and next 24-hour operational period bullets with the nice table.....I was wondering where you got this from? Paige would like to have this daily, so we are trying to find out the location to pull it ourselves.

Thanks Kris



Programmer/Analyst II Weston Solutions, Inc. 14160 Dallas Parkway, STE. 850 Dallas, TX 75254 469.374.7736 - direct 972.754-4715 - cell Kris.Fuller@WestonSolutions.com http://www.WestonSolutions.com

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---- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: Dana Stalcup/DC/USEPA/US

To: "Abramson, Jonathan" < Jonathan.A.Abramson@uscq.mil> Cc:

Chris Petersen/R6/USEPA/US@EPA, Craig Carroll/R6/USEPA/US@EPA, Cynthia Brown/R6/USEPA/US@EPA, EOC Finance@EPA, EOC Manager@EPA, Gilberto Irizarry/Dc/USEPA/US@EPA, "Bule, Gregory" «Gregory, W. Bule@uscg, mil», Jim Knoy/Dc/USEPA/US@EPA, John Spelman/R6/USEPA/US@EPA, Jonathan A. Abramson@uscg, mil, Kathleen Robinson/R6/USEPA/US@EPA, "Wheatley@uscg, mil», Mark Hansen/R6/USEPA/US@EPA, "Pheatley, Kimberfy, Sheatley@uscg, mil», Mark Hansen/R6/USEPA/US@EPA, Steve Mason/R6/USEPA/US@EPA, Sue Priffis/Dc/USEPA/US@EPA, Susan Webster/R6/USEPA/US@EPA, "Eastman, Timothy." <Timothy. G.Eastman@uscg, mil»

05/21/2010 11:44 AM Subject: RE: FW: SOW for HQ PRFA

Greg and Jon, any word on the status of our EPA HQ EOC PRFA? Lots of attention, including very senior level attention, here.

Region 6 friends, please let me know if you hear anything.

Thanks - Dana S

\_\_\_\_\_ Dana Stalcup

Director, Business Operations Center EPA OSWER Office of Emergency Management

202-564-2089 - work 202-309-5473 - cellular

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From: "Abramson, Jonathan" < Jonathan.A.Abramson@uscg.mil>

Dana Stalcup/DC/USEPA/US@EPA

05/20/2010 05:39 PM Subject: RE: FW: SOW for HQ PRFA

Greg was called down to ICP Houma today to solve some critical issues. I'm sure he'll be on it when he gets back up to UAC Robert tomorrow.
v/r
Original Message From: Stalcup.Dana@epamail.epa.gov [mailto:Stalcup.Dana@epamail.epa.gov] Sent: Thursday, May 20, 2010 4:37 PM To: Stalcup.Dana@epamail.epa.gov [continue] Sent: Thursday, May 20, 2010 4:37 PM To: Stalcup.Dana@epamail.epa.gov: Carroll.Craig@epamail.epa.gov; Brown.Cynthia@epamail.epa.gov; EOC_Finance@epamail.epa.gov; Co: Petersen.Chris@epamail.epa.gov; Trizarry.Gilberto@epamail.epa.gov; Buie, Gregory; Knoy.Jim@epamail.epa.gov; Spelman.John@epamail.epa.gov; Abramson, Jonachan; Robinson.Kathleen@epamail.epa.gov; Mheatley, Kimberly LCDR; Hansen.Mark@epamail.epa.gov; Mjoness.Mark@epamail.epa.gov; Wheatley, Missachangepamail.epa.gov; Moness.Mark@epamail.epa.gov; Webster: Stana@epamail.epa.gov; Masachan, Timothy Subject: RE: FW: SOW for HQ PRFA
Any updates from USCG or the field on this? Please help - Dana ===================================
From:
Dana Stalcup/DC/USEPA/US
To:
*Abramson, Jonathan* <jonathan.a.abramson@uscg.mil></jonathan.a.abramson@uscg.mil>
Chris Petersen/R6/USEPA/US@EPA, Craig Carroll/R6/USEPA/US@EPA, Cynthia Brown/R6/USEPA/US@EPA, EOC Finance@EPA, EOC Manager@EPA, Gilberto Irizarry/DC/USEPA/US@EPA, "Buie, Gregory" <gregory.w. buie@uscg.mil="">, Jim Knoy/DC/USEPA/US@EPA, John Spelman/R6/USEPA/US@EPA, Jonathan.A.Abramson@uscg.mil, Kathleen Robinson/R6/USEPA/US@EPA, "Wheatley, Kimberly LCDR" <kimberly.s. wheatley@uscg.mil="">, Mark Hansen/R6/USEPA/USEPA/US@EPA, Mike Faulkner/DC/USEPA/US@EPA, R6 DWH FSC@EPA, Steve Mason/R6/USEPA/US@EPA, Sue Priftis/DC/USEPA/US@EPA, Susan Webster/R6/USEPA/US@EPA, "Eastman, Timothy" </kimberly.s.></gregory.w.>
Subject:
RE: FW: SOW for HQ PRFA
Thanks Jon  Greg, let me know if you need anything from us to help move this forward. Thanks for your help - Dana
Director, Business Operations Center EPA OSWER Office of Emergency Management 202-564-2089 - work 202-309-5473 - cellular
   From:
"Abramson, Jonathan" <jonathan.a.abramson@uscg.mil></jonathan.a.abramson@uscg.mil>
To:
Dana Stalcup/DC/USEPA/US@EPA, "Buie, Gregory" <gregory.w.buie@uscg.mil></gregory.w.buie@uscg.mil>
Chris Petersen/R6/USEPA/US@EPA, Craig Carroll/R6/USEPA/US@EPA, Cynthia Brown/R6/USEPA/US@EPA, EOC Finance@EPA, EOC Manager@EPA, Gilberto Iricarry/DC/USEPA/US@EPA, Jim Knoy/DC/USEPA/US@EPA, John Spelman/R6/USEPA/US@EPA, Kathleen Robinson/R6/USEPA/US@EPA, Wheatley, Kimberly LCDR* <kimberly.s.wheatley@uscg.mil>, Mark Hansen/R6/USEPA/US@EPA, Mark Mjoness/DC/USEPA/US@EPA, Mike Faulkner/DC/USEPA/US@EPA, R6 DWH F5C@EPA, Steve Mason/R6/USEPA/US@EPA, Susan Webster/R6/USEPA/US@EPA, *Bastman, Timothy* &lt;</kimberly.s.wheatley@uscg.mil>
05/19/2010 11:32 AM
>
RE: FW: SOW for HQ PRFA

Thanks Dana. I'm back up in Arlington today. Greg Buie will handle it from UAC Robert.
v/r,
Original Message From: Stalcup.Dana@epamail.epa.gov [mailto:Stalcup.Dana@epamail.epa.gov]
Sent: Wednesday, May 19, 2010 11:09 AM To: Abramson, Jonathan Cc: Petersen.Chris@epamail.epa.gov; Carroll.Craig@epamail.epa.gov; Brown.Cynthia@epamail.epa.gov; EOC_Finance@epamail.epa.gov; BCO_Manager@epamail.epa.gov; Irizarry, Gilberto@epamail.epa.gov; BCO_Manager@epamail.epa.gov; Irizarry, Gilberto@epamail.epa.gov; Buie, Gregory; Knoy.Jim@epamail.epa.gov; Spelman.John@epamail.epa.gov; Abramson, Jonathan; Robinson.Kathleen@epamail.epa.gov; Kimberly LCDR; Hansen.Mark@epamail.epa.gov; Mioness.Mark@epamail.epa.gov; Faulkner.Mike@epamail.epa.gov; R6_DME_PSC@epamail.epa.gov; Mason.Steve@epamail.epa.gov; Webster.Susan@epamail.epa.gov; Eastman, Timothy; Priftis.Sus@epamail.epa.gov Subject: RB: FW: SOW for NQ PRPA
Jon and all.  I have attached a revised SOW and a spreadsheet with our cost estimate. The spreadsheet itemizes the assumptions we used to develop the cost estimate. Per your recommendation, I have added some additional detail to the SOW, and I added two notes at the end of the SOW to further explain the relationship between the Hg EOC operations and our field operations as well as our representatives at the HQ NIC at USCG Headquarters. Hopefully this will alleviate the concerns regarding potential overlap between different PRFAs and better explain our HQ EOC operations.
Our hope is that, after your review, you will be able to present this to the FOSC her approval. As I mentioned last night, we stand by ready to answer any questions or concerns. We also have EPA folks with you in Louisiana who might be able to assist you with any additional questions or explanations.
Please keep me posted. Thanks again - Dana S (See attached file: HQ EOC PRFA SOW version3.doc)(See attached file: 30 day HQ EOC Cost Estimate 5-19-10.X18) ====================================
Dana Stalcup Director, Business Operations Center EPA OSWER Office of Emergency Management 202-564-2089 - work 202-309-5473 - cellular
"Abramson, Jonathan" <jonathan.a.abramson@uscg.mil></jonathan.a.abramson@uscg.mil>
>
Dana Stalcup/DC/USEPA/US@EPA, "Eastman, Timothy" <timothy.g.eastman@uscg.mil></timothy.g.eastman@uscg.mil>
"Buie, Gregory" <gregory.w.buie@uscg.mil>, Mark Mjoness/DC/USEPA/US@EPA, Jim Knoy/DC/USEPA/US@EPA, Mark Hansen/R6/USEPA/US@EPA,   Chris Petersen/R6/USEPA/US@EPA, Craig Carroll/R6/USEPA/US@EPA, Susan   Webster/R6/USEPA/US@EPA, Chaig Carroll/R6/USEPA/US@EPA,     Cynthia Brown/R6/USEPA/US@EPA, John Spelman/R6/USEPA/US@EPA, R6 DWH   FSC@EPA, EOC Finance@EPA, Giberto Irizarry/DC/USEPA/US@EPA, EOC     Manager@EPA, "Wheatley, Kimberly LCDR" <kimberly.s. wheatley@uscq.mil="">, Mike Faulkner/DC/USEPA/US@EPA, Steve   Mason/R6/USEPA/US@EPA     Mason/R6/USEPA/US@EPA     Mike Faulkner/DC/USEPA/US@EPA, Steve</kimberly.s.></gregory.w.buie@uscg.mil>
05/18/2010 06:21 PM
>
RE: FW: SOW for HQ PRFA
<i></i>
Hi Dana,
I am very sympathetic to EPA's operational needs at every level. And if funding or activity is limited, please know that it would not be a statement against EPA's EOC or EPA's needs. The decisions strictly deal with whether an activity is fundable under OPA and whether it is a requested service from the IC/FOSC. I don't want to get too deep into those operational/policy decisions; I'll leave that to those far higher in the food chain to wrangle with.
But I can give you some feedback on how this needs to be framed for the Unified Command.
<ol> <li>Both RADM Landry and RADM Watson are very detail oriented when reviewing PRFAs, MIPRs, contracts, etc. The more clarity, the easier it is to get approval.</li> </ol>

2. A spreadsheet with the cost estimate details is highly recommended. Without it, it will most likely get sent back.

```
3. The explanations in #1 and #2 of your e-mail should probably be included as an addendum to your SOW. It cleared up a couple of issues that I had with the SOW.
  I hope this helps. Let me know if you have additional questions or need assistance with any Deepwater Horizon issues.
 Jon Abramson
Regional Manager
U.S. Coast Guard
National Pollution Funds Center
Office: 202-493-6745
Cell: 202-494-9120
  ----Original Message----
From: Stalcup.Dana@epamail.epa.gov [mailto:Stalcup.Dana@epamail.epa.gov]
From: Stalcup, Danawepamail.epa.gov (mailto:stalcup, Danawepamail.ep
Sent: Tuesday, May 18, 2010 3:20 PM
To: Eastman, Timothy/ Abramson, Jonathan
Ori Bayana, Panawepamail.epa.gov;
Knoy Jimwepamail.epa.gov; Bayanail.epa.gov;
Knoy Jimwepamail.epa.gov; Carroll.Craig@epamail.epa.gov;
Webster.Susan@epamail.epa.gov; Carroll.Craig@epamail.epa.gov;
Webster.Susan@epamail.epa.gov; Spelman, John@epamail.epa.gov;
R6_DWH_FSC@epamail.epa.gov; Spelman, John@epamail.epa.gov;
Trizarry.Gilberto@epamail.epa.gov; EOC_Finance@epamail.epa.gov;
Wheatley, Kimberly LCDR; Faulkner.Mike@epamail.epa.gov;
Wason.Steve@epamail.epa.gov
  Tim / Jon / all.
  I understand Tim is out for the next couple of days, so I am also responding to Jon and Greg in the field, and copying several EPA folks who have been discussing this situation with me.
who have been discussing this situation with me.

The proposed PRFA SOW for HQ EOC operations that I provided yesterday presents a pretty good summary of the activities ongoing in our HQ EOC, I think. Because both Regions are involved in this response and the accompanying activities, and because of the very senior level of attention being paid to this incident, we have been incredibly active in the Headquarters BOC. We are providing direct support to a variety of EPA field activities, including developing sampling plans, analyzing and publishing sampling data, and scientific support for dispersant use. All of these field activities are under direction of the FOSC. Furthermore, due to the very senior level of attention and involvement, we are gathering and coordinating data from the field from both Regions to assist in regular (daily or more frequently) briefings with the Administrator, Deputy Administrator, and other senior leadership. This helps with Agency decisions as well as their interaction with other agencies and those senior leaders.
  Regarding some of the specific questions:
  1 - None of the tasking in this proposed PRFA SOW is duplicative or overlapping with any tasking covered under other PRFAs. This would specifically support the work in the MQ FOC that is being conducted to directly support the field activities as well as support PPA's senior leadership and meeting PPA's mission to support human health and the environment including sharing information transparently and quickly with the public and potentially impacted parties. These activities in the MQ EOC are in direct support to our field operations as directed by the PROSC.
  2 - This PRFA includes the people mobilized to the Headquarters NIC at USCG Headquarters in Washington DC. They are providing excellent coordination with the USCG and other agencies involved in this response. However, their efforts are focused on that interagency coordination. They are not involved in the very detailed daily operations in the HQ EOC related to the other tasks in the proposed SOW. Thus, again, it is not duplicative; their roles are different, but complementary.
3 - I can provide a spreadsheet with the details of the cost estimate. However, I thought this summary might help:
- staffing for surge/activation of EOC, including overtime as necessary, 40+ people, approximately $1 million+
- travel for Agency employees deployed to HQ EOC to support these activities, approximately $60k+
- contractor costs for EOC support, data analysis and management, IT support, and GIS support, approximately $700 As stated, these are all costs that are being incurred strictly because of the HQ EOC activation tover our normal expenses of keeping our EOC operational during non-activated times. The number of people is based on our HQ EOC sign-in sheets since we have activated the HQ EOC for this spill response.
sign-in sheets since we have activated the HU BOOLIGE CHIRD SPLIAL response. It would be impossible to break these expenses out by the various specific tasks in the proposed SOW (other than perhaps the folks deployed to USCG HQ for the NIC coordination work). Some people in the EOC might be focused on one aspect or another related to the response-related activities, such as water monitoring vs. air monitoring vs. data publication vs. dispersant science, but as priorities change, the staffing might change. Furthermore, much of the HQ EOC staff is covering all of these activities, such as by developing and preparing senior leadership briefings, etc.
 4 - My understanding is that the Regions are in frequent contact with the FOSC and her representatives regarding a variety of potential assignments in support of the response. We are working diligently with both Regions to ensure that the tasking in our proposed SOW does not conflict with or overlap with any other PRFA activities.
 Our hope is that you are able to determine whether the FOSC is supportive of these activities in support of her response, and whether she is willing to approve the PRPA. As you know, we have Region 6 staff co-located with your folks in Louisiana and they should be able to assist if necessary. And, of course, I stand by ready to answer any additional questions or provide additional information to help facilitate this PRPA approval.
  Thanks for your help. -- Dana S
     _____
  Dana Stalcup
Director, Business Operations Center
EPA OSWER Office of Emergency Management
202-564-2089 - work
202-309-5473 - cellular
       From: |
```

|-----> | To: |

| "Eastman, Timothy" <Timothy.G.Eastman@uscg.mil>

	Dana Stalcup/DC/USEPA/US@EPA
ı	
	05/17/2010 04:41 PM
	FW: SOW for HQ PRFA
p	ana, preliminary review of your write-up received these observations: t needs to provide a little more detail, i.e., more numbers showing eople assigned at the EOC and connect the EOC work performed to the perational work ongoing in the Gulf. It doesn't need to be longer, ust a little more detail. Also please see Jon's input below.
t	ne other issue: After reading Sam Coleman's e-mail he seems to be alking about a much larger effort than simply funding the EOC. Note his excerpt from his e-mail:
1 s	We are currently collecting independent data in a number of areas: . Near shore water and sediment to detect oil and dispersant 2. On hore air quality related to oil spill and dispersant application 3. Off hore air quality related to workers and fishermen
1	he future sampling needs will include: . Water samples to form early warning system 2. Specific analysis for hemical dispersants in air and water 3. Off shore SMART Tier III Plus*

There is concern that much of what he says here is what is already being performed by NOAA and others. Finally, if EPA does want to go forward with a request for funding, I would recommend a separate PRFA which the performance of the perform

-----Original Message---From: Abramson, Jonathan
Sent: Monday, May 17, 2010 3:47 PM
To: Eastman, Timothy
Ce: Buie, Gregory
Subject: RR: SOW for HQ PRFA

The activities outlining the direct support are beyond my knowledge of what is being done at the operational level in this aspect of the spill. Is it impinging on the activities that NOAA, FWMS, among others? I don't know. Is it a necessity of the IC? I don't know.

However, the glaring deficiencies are at the end.

1. The cost estimate needs to be broken out/itemized. There are a number of activity costs requested. Lumping them together distorts the value of the separate services.

2. The NIC is the designated hub for support from Federal Agencies. While I do not discount EPA's want or need of their own Emergency Operations Center (EOC), the CG is the lead agency in this response --not EPA. The use of a separate Command seems to conflict with the idea of the NIC. Moreover, such a center seems outside the purview of an oil removal activity under OPA. It also appears to be outside the realm of direct support to the FOSC.

If we go out far enough I'm sure the entire nation or world is in someway providing its support for this incident. How many degrees of separation allowed, in my opinion, should be limited to direct support to the oil removal actions. I do not see EOC falling within this realm.

----Original Message----From: Stalcup.Dana@epamail.epa.gov [mailto:Stalcup.Dana@epamail.epa.gov]

From: Stalcup.Dana@epamail.epa.gov [mailto:Stalcup.Dana@epamail.epa.Sent: Monday, May 17, 2010 9:56 AM
TO: Eastman, Timothy
Cc: Irizarry.Gilberto@epamail.epa.gov: Tulis.Dana@epamail.epa.gov;
Jones.Kathy@epamail.epa.gov: Mjoness.Mark@epamail.epa.gov:
Knoy.Jin@epamail.epa.gov: Robinson.Kathleen@epamail.epa.gov:
Barown.Cynthia@epamail.epa.gov: Miller.Jin@epamail.epa.gov:
Bates.Lloyd@epamail.epa.gov: EOC\_Finance@epamail.epa.gov:
Stalcup.Dana@epamail.epa.gov
Subject: SOW for HQ PRFA

Tim,
Per our conversations over the weekend, please find attached a draft SOW
for the Headquarters EOC activities related to the BP oil spill
response. (See attached file: HQ EOC PRFA SOW version2.doc)

My understanding is that you will share this with your folks in the field. I have copied the Regions so they know we are working on a possible MQ EOC PRFA.

Please let me know if you have any concerns or questions. Thanks - Dana S ------

----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: "Goetzee, William" < William.W.Goetzee@uscg.mil >

Steve Mason/R6/USEPA/US@EPA

Date: 05/21/2010 11:52 AM

Subject: RE: Sub-Sea Dispersant daily POLREP Update (FRI 21 MAY, 2010 UPDATE) MISSISSIPPI CANYON 252 INCIDENT

Steve you're the best...cool...great polrep..thx

Do you know if there is to be 2 dipersant work groups? Vr Bill

Sent with Good (www.good.com)

-----Original Message-----

From: Mason.Steve@epamail.epa.gov [mailto:Mason.Steve@epamail.epa.gov] Sent: Friday, May 21, 2010 12:35 PM Eastern Standard Time

To: Goetzee, William; Carroll.Craig@epamail.epa.gov

Lloyd, Anthony CAPT; Charlie Henry-NOAA; Watson, James RADM; Hanzalik, James CAPT; Landry, Mary RADM; Little, Patrick CAPT; Pond, Robert; Hooper, Thomas

CAPT; Goetzee, William

Sub-Sea Dispersant daily POLREP Update (FRI 21 MAY, 2010 UPDATE) MISSISSIPPI CANYON 252 INCIDENT

FYI & SA - Updates are highlighted in YELLOW since yesterdays update.

Note: The continued purpose of this POLREP is now to Update on a daily basis the following:

1) Major Start & Stop chronologic events for the Sub-Sea Dispersant Injection since it entered the conditional operational phase, and cumulative gallons dispersant injected at end of each major stop point

2) Capture any O/S and Departure stats of monitoring vessels in support of the required monitoring protocols.

Steve Mason, EPA Region 6 (6SF-PE) 1445 Ross Avenue, Dallas, TX 75202 214-665-2276 / 214-665-2278 fax

----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: Craig Carroll/R6/USEPA/US Sam Coleman/R6/USEPA/US@EPA

Cc: Mark Hansen/R6/USEPA/US@EPA, Susan Webster/R6/USEPA/US@EPA, Althea Foster/R6/USEPA/US@EPA, Craig Carroll/R6/USEPA/US@EPA, R6 DWH REOC RIC@EPA, James Staves/R6/USEPA/US@EPA, Steve Mason/R6/USEPA/US@EPA

Date: 05/21/2010 11:45 AM

Subject: RV Brooks McCall Cruise Data Summary and Data Table for 05-20-2010



Craig Carroll
Chief, Emergency Readiness Section
EPA Region 6 Ph: 214-665-2220

Fax: 214-665-9718

----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: Nancy Jones/R6/USEPA/US

"Steve Mason." <Mason.Steve@epamail.epa.gov>, "Sam Coleman" <Coleman.Sam@epamail.epa.gov>, "R6\_DWH\_Info@epamail.epa.gov" <R6\_DWH\_Info@epamail.epa.gov>

Date: 05/21/2010 11:51 AM Subject: Fw: SCAT Information

This explains the process they go through for shoreline and sensitve area (ie marsh) clean up and includes the report for the marsh that we discussed this morning.

Sent by EPA Wireless E-Mail Services

From: "Cocklan-Vendl, Mary E" [Mary.CocklanVendl@bp.com]

Sent: 05/21/2010 05:42 PM CET

To: Nancy Jones

Ce: "Gary Hayward" <ghayward@newfields.com>; "Santner, Richard" <Richard.Santner@uk.bp.com>; <jmichel@researchplanning.com>; <John.Tarpley@NOAA.gov>; "Owens, Ed (PAS)" <EOwensocc@aol.com>

Subject: SCAT Information

Nancy,

Per our conversation, attached are the following:

- Mississippi Canyon 252 Incident Near Shore and Shoreline Stage I and II Response Plan Louisiana Division (signed by UIC on May 6, 2010)
- SCAT and Operations One Pager describing the SCAT process
   STR Form Operational Permit to Work for Segment LAPL10-S004

Mary

Mary E Cocklan-Vendl / Richard Santner BP - MC 252 Incident Response Shoreline Response Program Manager

MC-V Mobile: 907-227-3464 RS Mobile: 985-414-5941 RS Mobile (International): 44-7920-579223



---- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: Althea Foster/R6/USEPA/US James Staves/R6/USEPA/US@EPA To: Steve Mason/R6/USEPA/US@EPA, Susan Webster/R6/USEPA/US@EPA

Date: 05/21/2010 12:28 PM Subject: Fw: Requests

We sent these to Steve last night , he indicated this morning tat you might be in a better position to answer this. Have you been able to locate any maps that address the RA's request below:

(2) from Bob P: Someone in Robert should evaluate the media reports of thick crude, as well as NOAA's maps of marshes with oil impacts, and NOAA's maps of areas that have been boomed to determine: are the areas that are being impacted by thick crude areas that were/were not boomed?

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Thanks

Althea C. Foster (6SF-PR) On-Scene Coordinator USEPA Region 6

----- Forwarded by Althea Foster/R6/USEPA/US on 05/21/2010 12:22 PM -----

Re: Fw: Requests

Steve to: Steve Mason, James Staves Mason

05/21/2010

Cc: Althea Foster, Craig Carroll, Nancy Jones, R6 DWH Info

Staves may have found a lead on the maps in the Sit Unit after all... guess it depends on who you ask and what time in the morning... he will let us know what he finds out...

Faithfully yours

Steve

"Frequently, my thoughts get bored and walk down to my mouth. Often, this is a bad thing."

Steve Mason, EPA Region 6 (6SF-PE) 1445 Ross Avenue, Dallas, TX 75202 214-665-2276 / 214-665-2278 fax

▼ Steve Mason---05/21/2010 09:26:43 AM---Althea. In regards to your questions, I went to the Situation Unit to determine if those maps exist

Steve Mason/R6/USEPA/US

To: Craig Carroll/R6/USEPA/US@EPA, Nancy Jones/R6/USEPA/US@EPA, R6 DWH Info@EPA

Althea Foster/R6/USEPA/US@EPA Date: 05/21/2010 09:26 AM Subject: Re: Fw: Requests

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From: Craig Carroll/R6/USEPA/US
To: charlie.henry@noaa.gov

Cc: jessica.white@noaa.gov, Steve Mason/R6/USEPA/US@EPA

Date: 05/20/2010 07:57 PM Subject: Fw: Requests

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Craig Carroll Chief, Emergency Readiness Section EPA Region 6 Ph: 214-665-2220 Fax: 214-665-9718

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 From:
 Susan Webster/R6/USEPA/US

 To:
 Craig Carroll/R6/USEPA/US@EPA

 Date:
 05/20/2010 04:46 PM

 Subject:
 Fw: Requests

Susan D. Webster REOC US EPA Region 6 214.789.2667 (c)

----- Forwarded by Susan Webster/R6/USEPA/US on 05/20/2010 04:45 PM -----

# Requests

AI to: Lawrence Starfield, Sam Coleman, Mark Hansen, Jon Rauscher, Susan Webster Armendariz 05/20/2010 02:20 PM

Hello Everyone,

From my notes of this morning's EOC call, I wanted to make sure the following items were assigned to somebody for follow-up and completion.

- (1) from Dana: Before we comment or send anything in writing to anybody about the barrier island/berm plan, we should send the document to Dana Tulis, with cc:s to Bob P and Janet Woodka, so that THEY can distribute.
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From: Craig Carroll/R6/USEPA/US
To: Steve Mason/R6/USEPA/US@EPA

c: Susan Webster/R6/USEPA/US@EPA, R6 DWH REOC RIC@EPA

Date: 05/21/2010 12:40 PM Subject: Research Vessels from Military Mark Mjoness said we could go through the DCO at the FEMA office to request additional research vessels. Would you give the DCO a call and inquire about timing and cost. Thanks

Craig Carroll
Chief, Emergency Readiness Section
EPA Region 6
Ph: 214-665-2220

Fax: 214-665-9718

----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: Philip Turner/R6/USEPA/US Steve Mason/R6/USEPA/US@EPA Date: 05/21/2010 12:49 PM

Subject: Fw: Subsea Dispersant: Daily Report for 5/20/10

Hi Steve,

Please include me on this cc list. Rich will be at NARPM all next week.

Thanks!

Phil

Philip K. Turner, Ph.D.
US EPA Region 6
Superfund Division (6SF-TR)
1445 Ross Avenue, Suite 1200
Dallas Texas 75202-2733
T: (214) 665-2706
F: (214) 665-660 E: turnér.philip@epa.gov

----- Forwarded by Philip Turner/R6/USEPA/US on 05/21/2010 12:47 PM -----

From: Richard Mayer/R6/USEPA/US Philip Turner/R6/USEPA/US@EPA

Date: 05/21/2010 10:08 AM

Subject: Fw: Subsea Dispersant: Daily Report for 5/20/10

Rich Mayer, P.G. Sr. Project Engineer Sr. Project Engineer
US EPA
Federal Facilities Section (6PD-F)
214-665-7442
Fax - 214-665-7263
----- Forwarded by Richard Mayer/R6/USEPA/US on 05/21/2010 10:08 AM -----

# Subsea Dispersant: Daily Report for 5/20/10

Steve to: Craig Carroll, James Staves, John Martin, Althea Foster, Paige Delgado, Eric Delgado, Ronnie Crossland, R6 DWH Info, Richard 09:35 AM Mayer

Here is the report on dispersant use:

Start: 5/19 2200

Stop: 5/20 2200

Rate: 10 gpm

Volume: 14,210

Note: There was one disruption of injection from 2145 - 2158 on 5/20.

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From: Susan Webster/R6/USEPA/US

James Staves/R6/USEPA/US@EPA To:

Steve Mason/R6/USEPA/US@EPA, Althea Foster/R6/USEPA/US@EPA

05/21/2010 12:50 PM Subject: Re: Fw: Requests

ps. any new news on the boat? do we but the ORD folks on permanent hold???? he still is on standby for Sunday??? tx

Susan D. Webster REOC US EPA Region 6 214.789.2667 (c)

# ▼ Fw: Requests

# Fw: Requests

Althea to: James Staves 05/21/2010 12:72 PM Foster

Cc: Steve Mason, Susan Webster

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Mason

Althea C. Foster (6SF-PR) On-Scene Coordinator USEPA Region 6

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Cc: jessica.white@noaa.gov, Steve Mason/R6/USEPA/US@EPA

Date: 05/20/2010 07:57 PM Subject: Fw: Requests

#### Charlie

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Chief, Emergency Readiness Section EPA Region 6

Ph: 214-665-2220
Fax: 214-665-9718
----- Forwarded by Craig Carroll/R6/USEPA/US on 05/20/2010 07:54 PM -----

Susan Webster/R6/USEPA/US From: Craig Carroll/R6/USEPA/US@EPA 05/20/2010 04:46 PM Subject: Fw: Requests

> Susan D. Webster REOC US EPA Region 6 214.789.2667 (c)

----- Forwarded by Susan Webster/R6/USEPA/US on 05/20/2010 04:45 PM -----

## Requests

to: Lawrence Starfield, Sam Coleman, Mark Hansen, Jon Rauscher, Susan Webster Armendariz

05/20/2010 02:20 PM

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Thanks

ΑI

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From: Craig Carroll/R6/USEPA/US

To: Steve Mason/R6/USEPA/US@EPA

Susan Webster/R6/USEPA/US@EPA, R6 DWH REOC RIC@EPA

Date: 05/21/2010 12:58 PM Subject: Re: Directive Checklist

Can I get the reformatted checklist today. I have got to get it to USCG today. Thanks

Craig Carroll Chief, Emergency Readiness Section EPA Region 6

Ph: 214-665-2220 Fax: 214-665-9718

## ▼ Steve Mason---05/20/2010 11:42:10 AM---Faithfully yours Steve

From: Steve Mason/R6/USEPA/US
To: Craig Carroll/R6/USEPA/US@EPA

Cc: Elizabeth.Doomes@WestonSolutions.com, R6 DWH Info@EPA, R6 DWH REOC RIC@EPA

Date: 05/20/2010 11:42 AM Subject: Re: Directive Checklist

[attachment "DIRECTIVE ELEMENT CHECKLIST.docx" deleted by Craig Carroll/R6/USEPA/US]

Faithfully yours

"Frequently, my thoughts get bored and walk down to my mouth. Often, this is a bad thing."

Steve Mason, EPA Region 6 (6SF-PE) 1445 Ross Avenue, Dallas, TX 75202 214-665-2276 / 214-665-2278 fax

## ▼ Craig Carroll---05/20/2010 11:25:16 AM---Steve, Did you send me the final checklist?

From: Craig Carroll/R6/USEPA/US
To: Steve Mason/R6/USEPA/US@EPA

Cc: Elizabeth.Doomes@WestonSolutions.com, R6 DWH Info@EPA, R6 DWH REOC RIC@EPA

Date: 05/20/2010 11:25 AM Subject: Re: Directive Checklist

Steve,

Did you send me the final checklist?

Craig Carroll Chief, Emergency Readiness Section EPA Region 6 Ph: 214-665-2220 Fax: 214-665-9718

## ▼ Steve Mason---05/18/2010 12:54:32 PM---Craig, Elizabeth is going to put together a simple checklist of what the directive requires BP to pr

From: Steve Mason/R6/USEPA/US
To: Craig Carroll/R6/USEPA/US@EPA

Cc: Elizabeth.Doomes@WestonSolutions.com, R6 DWH Info@EPA

Date: 05/18/2010 12:54 PM Subject: Directive Checklist

Craig, Elizabeth is going to put together a simple checklist of what the directive requires BP to provide (and when) so we can match up to what they are sending to us now...

Faithfully yours

Steve

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Steve Mason, EPA Region 6 (6SF-PE) 1445 Ross Avenue, Dallas, TX 75202 214-665-2276 / 214-665-2278 fax

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To: James Staves/R6/USEPA/US@EPA, Eric Delgado/R6/USEPA/US@EPA
Cc: Steve Mason/R6/USEPA/US@EPA, R6 DWH REOC RIC@EPA

Date: 05/21/2010 02:07 PM

Subject: Fw: Weekly Dispersant info - Need e-mail address

FYI

Craig Carroll Chief, Emergency Readiness Section EPA Region 6 Ph: 214-665-2220 Fax: 214-665-9718

----- Forwarded by Craig Carroll/R6/USEPA/US on 05/21/2010 02:07 PM -----

From: "Hanzalik, James CAPT" <James.E.Hanzalik@uscg.mil>

To: Steve Mason/R6/USEPA/US@EPA

Cc: "Dittman, Paul CDR" <Paul.E.Dittman@uscg.mll>, Craig Carroll/R6/USEPA/US@EPA, "Charlie Henry" <charlie.henry@noaa.gov>

Date: 05/21/2010 01:41 PM

Subject: RE: Weekly Dispersant info - Need e-mail address

```
Steve,
Can you forward the list to Paul Dittman?
----Original Message----
From: Dittman, Paul CDR
Sent: Friday, May 21, 2010 1:31 PM
To: Goetzee, William
Co: Hanzalik, James CAPT; tom.armstrong@uk.bp.; HuberCharlesA@hotmail.com; Elliott, James CDR; joeckel@seaconsulting.com
Subject: FW: Weekly Dispersant info - Need e-mail address
BP is requesting an email address for the RRT to share dispersant information.
Can you pls reply to everyone on this distro for visibility?
----Original Message----
From: tom.armstrong@uk.bp.com [mailto:tom.armstrong@uk.bp.com]
Sent: Friday, May 21, 2010 10:21 AM
To: Dittman, Paul CDR
Cc: Charlie Huber; John Joeckel
Subject: Weekly Dispersant info - Need e-mail address
Paul,
Here's the request to provide the official address that we need to send the weekly dispersant information.
Ops Section Chief - MC 252 Response
```

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From: Philip Turner/R6/USEPA/US Steve Mason/R6/USEPA/US@EPA Date: 05/21/2010 01:26 PM

Subject: Re: Fw: Subsea Dispersant: Daily Report for 5/20/10

Thanks much!!

## ▼ Steve Mason---05/21/2010 12:57:52 PM---will do Faithfully yours

From: Steve Mason/R6/USEPA/US Philip Turner/R6/USEPA/US@EPA Date: 05/21/2010 12:57 PM

Subject: Re: Fw: Subsea Dispersant: Daily Report for 5/20/10

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## ▼ Philip Turner---05/21/2010 12:49:07 PM---Hi Steve, Please include me on this cc list. Rich will be at NARPM all next week.

From: Philip Turner/R6/USEPA/US Steve Mason/R6/USEPA/US@EPA Date: 05/21/2010 12:49 PM

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Philip K. Turner, Ph.D. Prilip R. Turner, Ph.D. US EPA Region 6 Superfund Division (6SF-TR) 1445 Ross Avenue, Suite 1200 Dallas Texas 75202-2733 T; (214) 665-2706 F: (214) 665-6660

#### E: turner.philip@epa.gov

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Subject: Fw: Subsea Dispersant: Daily Report for 5/20/10

Rich Mayer, P.G. Sr. Project Engineer US EPA Federal Facilities Section (6PD-F) 214-665-7442 Fax - 214-665-7263

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Houma, LA
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From: Althea Foster/R6/USEPA/US on 05/22/2010 05:35 AM ---From: Althea Foster/R6/USEPA/US@EPA, "James Staves" <staves.james@epa.gov>, "Susan Webster" <webster.susan@epa.gov>
Date: 05/21/2010 01:10 PM
Subject: Re: Fw: Requests

A lot of personnel changes....could u refresh my memory on who has this access.

▼ Steve Mason
----- Original Message ----From: Steve Mason
Sent: 05/21/2010 12:56 PM CDT
To: Althea Foster Requests

Jim believes these maps already reside in ERMA, which ya'll have access to, as well as in DC...

Faithfully yours
Steve

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Steve Mason, EPA Region 6 (6SF-PE)
1445 Ross Avenue, Dallas, TX 75202
214-665-2276 / 214-665-2278 fax

#### ▼ Althea Foster---05/21/2010 12:28:39 PM---Jim,

From: Althea Foster/R6/USEPA/US
To: James Staves/R6/USEPA/US@EPA

Cc: Steve Mason/R6/USEPA/US@EPA, Susan Webster/R6/USEPA/US@EPA

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Fax: 214-665-9718
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 Subject: Re: Fw: Requests
I believe eric d and/ or Britney R? Tx to -----\Sent by EPA Wireless E-Mail Services. ▼ Althea Foster
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Sent: 05/21/2010 02:10 PM EDT
To: Steve Mason: "James Staves" <staves.james@epa.gov>; "Susan Webster" <webster.susan@epa.gov>
Subject Re: Fw: Requests
A lot of personnel changes....could u refresh my memory on who has this access.
 ▼ Steve Mason
    ---- Original Message -----
      From: Steve Mason
Sent: 05/21/2010 12:56 PM CDT
      To: Althea Foster
Cc: James Staves; Susan Webster
Subject: Re: Fw: Requests
                 Jim believes these maps already reside in ERMA, which ya'll have access to, as well as in DC...
                 Faithfully yours
                 Steve
                "Frequently, my thoughts get bored and walk down to my mouth. Often, this is a bad thing."
                 Steve Mason, EPA Region 6 (6SF-PE)
1445 Ross Avenue, Dallas, TX 75202
214-665-2276 / 214-665-2278 fax
▼ Althea Foster---05/21/2010 12:28:39 PM---Jim,
 From: Althea Foster/R6/USEPA/US
          James Staves/R6/USEPA/US@EPA
          Steve Mason/R6/USEPA/US@EPA, Susan Webster/R6/USEPA/US@EPA
 Date: 05/21/2010 12:28 PM
 Subject: Fw: Requests
                 We sent these to Steve last night, he indicated this morning tat you might be in a better position to answer this. Have you been able to locate any
                 maps that address the RA's request below:
                 (2) from Bob P: Someone in Robert should evaluate the media reports of thick crude, as well as NOAA's maps of marshes with oil impacts, and NOAA's
                 maps of areas that have been boomed to determine: are the areas that are being impacted by thick crude areas that were/were not boomed?
                 (3) from Bob P: I need a map (if one exists) about how extensive the thick crude impacts on marshes are, in terms of approximate length of impact (either confirmed or virtually-confirmed)? Perhaps NOAA has maps or an estimate of impact?
                 Althea C. Foster (6SF-PR)
                 On-Scene Coordinator 
USEPA Region 6
---- Forwarded by Althea Foster/R6/USEPA/US on 05/21/2010 12:22 PM -----
                Re: Fw: Requests
                Steve to: Steve Mason, James Staves
                                                                                                                                                                                                    05/21/2010
                                                                                                                                                                                                      09:35 AN
                Mason
                Cc: Althea Foster, Craig Carroll, Nancy Jones, R6 DWH Info
                 Staves may have found a lead on the maps in the Sit Unit after all... guess it depends on who you ask and what time in the morning... he will let us
                 know what he finds out...
                 Faithfully yours
                 "Frequently, my thoughts get bored and walk down to my mouth. Often, this is a bad thing."
                 Steve Mason, EPA Region 6 (6SF-PE)
1445 Ross Avenue, Dallas, TX 75202
214-665-2276 / 214-665-2278 fax
```

From: Steve Mason/R6/USEPA/US

To: Craig Carroll/R6/USEPA/US@EPA, Nancy Jones/R6/USEPA/US@EPA, R6 DWH Info@EPA

Cc: Althea Foster/R6/USEPA/US@EPA
Date: 05/21/2010 09:26 AM

Subject: Re: Fw: Requests

#### Althea,

In regards to your questions, I went to the Situation Unit to determine if those maps exist... They indicated they do not have those here in Robert.... Before I was able to talk to Charlie, I saw that Craig had already sent him an email... Craig have you received a response back from Charlie.... no sense both of chasing Charlie (he is busy enough)

Nancy, have you seen these maps down in Houma, either with NOAA or in the Situation Unit

Faithfully yours Steve

"Frequently, my thoughts get bored and walk down to my mouth. Often, this is a bad thing."

Steve Mason, EPA Region 6 (6SF-PE) 1445 Ross Avenue, Dallas, TX 75202 214-665-2276 / 214-665-2278 fax

## V Craig Carroll---05/20/2010 07:57:40 PM---Charlie, See the requests below from my Deputy Administrator passed through my RA. How do you recom

From: Craig Carroll/R6/USEPA/US

To: charlie.henry@noaa.gov

Cc: jessica.white@noaa.gov, Steve Mason/R6/USEPA/US@EPA

Date: 05/20/2010 07:57 PM Subject: Fw: Requests

ubject: Fw: Requests

#### Charlie,

See the requests below from my Deputy Administrator passed through my RA. How do you recommend I respond to the NOAA questions? Are all the answers on Response Link?

Craig Carroll
Chief, Emergency Readiness Section
EPA Region 6
Ph: 214-665-2220
East 214, 665, 9719

Fax: 214-665-9718
----- Forwarded by Craig Carroll/R6/USEPA/US on 05/20/2010 07:54 PM -----

From: Susan Webster/R6/USEPA/US
To: Craig Carroll/R6/USEPA/US@EPA
Date: 05/20/2010 04:46 PM

Subject: Fw: Requests

Susan D. Webster REOC US EPA Region 6 214.789.2667 (c)

----- Forwarded by Susan Webster/R6/USEPA/US on 05/20/2010 04:45 PM -----

## Requests

Al to: Lawrence Starfield, Sam Coleman, Mark Hansen, Jon Rauscher, Susan Webster Armendariz

05/20/2010 02:20 PM

Hello Everyone,

From my notes of this morning's EOC call, I wanted to make sure the following items were assigned to somebody for follow-up and completion.

- (1) from Dana: Before we comment or send anything in writing to anybody about the barrier island/berm plan, we should send the document to Dana Tulis, with cc:s to Bob P and Janet Woodka, so that THEY can distribute.
- (2) from Bob P: Someone in Robert should evaluate the media reports of thick crude, as well as NOAA's maps of marshes with oil impacts, and NOAA's maps of areas that have been been been been determine: are the areas that are being impacted by thick crude areas that were/were not becomed?
- (3) from Bob P: I need a map (if one exists) about how extensive the thick crude impacts on marshes are, in terms of approximate length of impact (either confirmed or virtually-confirmed)? Perhaps NOAA has maps or an estimate of impact?

Also, before COB today, can someone please please please send me the copy of the Word file of our sampling plan, even if it is not done and has not yet been edited to reflect comments received from other groups within EPA? I need to see where we are on this.

Thanks.

---- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

"Jackson, Raymond LT" <Raymond.D.Jackson@uscg.mil>

Brent England/R1/USEPA/US@EPA, Steve TouwR2/USEPA/US@EPA, "Catudal, Ronald" <Ronald.J.Catudal@uscg.mil>, Linda Marzulli/R3/USEPA/US@EPA, "Baines, Linda" <Linda.H.Baines@uscg.mil>, Richard Jardine/R4/USEPA/US@EPA, "McFarlane, Earle" <Earle.K.McFarlane@uscg.mil>, SHELLA CALOVICH/R5/USEPA/US@EPA, "Sparks, Ann LT" <Ann.Sparks@uscg.mil>, Steve Mason/R6/USEPA/US@EPA, "Coetzee, William" <William" &William W.Goetzee@uscg.mil>, Janice Kroone/SUPR/R7/USEPA/US@EPA, Delridre Rothery/R8/USEPA/US@EPA, Bill Robberson/R9/USEPA/US@EPA, "Krala, Susan" <Assan.E.X.rada@uscg.mil>, Josice Iclar/K10/USEPA/USEPA, "Parker, Heather" <Heather A.Parker@uscg.mil>, Michele Sherwood/R10/USEPA/US@EPA, "McNutt, Cecil D." <Cecil D.McNutt@uscg.mil>, Lance Richman/R9/USEPA/US@EPA, "Zwack, Joseph LCDR" <Joseph.M.Zwack@uscg.mil>, "Bonn, Joseph" <Joseph.D.Bonn@uscg.mil>

Date: 05/21/2010 01:06 PM Subject: MODU Deepwater Horizon incident

Dear RRT State Members,

The MODU Deepwater Horizon incident in the Gulf of Mexico has been classified as a Spill of National Significance (SONS). Most regions in the United States are being impacted by requests for resources. The CG National Strike Force Coordination Center (NSFCC) is maintaining the national oil spill equipment resource picture by tracking the availability of equipment remaining in each state through the Response Resources Inventory (RRI) database. To this point, the equipment listed in the RRI has primarily been limited to classified Oil Spill Removal Organization (OSRO) and Coast Guard equipment resources.

To more accurately portray the nation's response readiness status, we request the assistance of the individuals in your region who maintain inventories of the State government, city/county governments and private company owned oil spill response equipment in entering this information into the RRI. The procedures for creating an RRI account can be found by accessing the following website: https://cgrri.uscg.mil/LogOn.aspx and selecting the "click here to register" link and entering the required information. Upon establishing an RRI account we request that you enter your major pieces of oil spill response equipment, primarily containment boom, skimmers, and temporary storage. The tutorial for entering information into the RRI can be found at: http://www.uscg.mil/hq/nsfweb/nsfcc/ops/ResponseSupport/RRAB/becomeaclassifiedosro.asp; follow the link to "Response Resource Inventory System Instruction."

We also request that you update the RRI in the event that you move your equipment to the Gulf in support of the Deepwater Horizon response. The procedures for completing this process are attached.

If you are unable to complete the data entry in the RRI, we request that you provide a copy of your state/federal-owned equipment inventory to the NSFCC so that we might account for this equipment. This information can be provided by email to the following address: NSFCC\_Deepwater\_Horizon@usog.mil or by fax to 252-331-6012.

We thank you for your assistance in helping to ensure the accurate depiction of available resources in your area.

Our contact for the RRI is LT Jackson at 877 740 6776. If you have questions regarding this request, please feel free to contact Mr. Jim Snyder at 252 331 6000 X 3013.

VR

LT Jackson Raymond (RSD) Chief National Strike Force Coor. Center (252)331-6000 ext 3034 (252)619-5257 cell



----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: Craig Carroll/R6/USEPA/US

To: Steve Mason/R6/USEPA/US@EPA

James Staves/R6/USEPA/US@EPA, R6 DWH REOC RIC@EPA Cc:

Date: 05/21/2010 01:14 PM

Subject: Fw: Final DATA Team Recommendations for Houma

This combined with your checklist is what I need to turn around to USCCG today.

Craig Carroll Chief, Emergency Readiness Section EPA Region 6 Ph: 214-665-2220 Fax: 214-665-9718

----- Forwarded by Craig Carroll/R6/USEPA/US on 05/21/2010 01:13 PM -----

Martin Mccomb/R8/USEPA/US

To: Eric Delgado/R6/USEPA/US@EPA, Nancy Jones/R6/USEPA/US@EPA, Craig Carroll/R6/USEPA/US@EPA

Cc: Daniel Wainberg/R1/USEPA/US@EPA, Joe Schaefer/ERT/R2/USEPA/US@EPA

Date: 05/21/2010 12:40 PM

Subject: Final DATA Team Recommendations for Houma

See the attached document and executive summary for our call today at 13:00.

Please forgive any typos and poor grammar.

Martin McComb

EPA DATA Team

-- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM ----

From: R6 DWH REOC FSC

To: R6 DWH REOC FSC@EPA

Carol Tedford/R6/USEPA/US@EPA, Terrie Mikus/R6/USEPA/US@EPA, Linda Carter/R6/USEPA/US@EPA, Jo Gee/R6/USEPA/US@EPA, Molly Williams/C1/USEPA/US@EPA, Connie Ely/C1/USEPA/US@EPA, Evelyn Michael/C1/USEPA/US@EPA, Warren Zehner/R6/USEPA/US@EPA, Steve Mason/R6/USEPA/US@EPA, Nancy Jones/R6/USEPA/US@EPA, William Rhotenberry/R6/USEPA/US@EPA

Date: 05/21/2010 01:11 PM

Subject: REVISED Finance Estimated Detail Spending Report for May 21, 2010



Cynthia Brown Removal Enforcement Coordinator 214-665-7480

---- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

To: <michele.a.finn@noaa.gov>, <randy.j.tebeest@noaa.gov>, Steve Mason/R6/USEPA/US@EPA

Date: 05/21/2010 02:13 PM

Subject: Address for Crew and insurance questions

Dear Michele, Randy and Steve,

The address for the crew to rendezvous is:-

## ADDRESS:

ICU 8912 Hwy 182 East Morgan City, LA 70380 Att: Ocean Veritas Perry Rosenthal (ship Captain) 206.849.5352

Email addresses for individuals on the boat:

Neal: nealf@stabbertmaritime.com Colin: colinp@stabbertmaritime.com

#### TIMING:

## ARRIVAL SUNDAY 23rd May- no specific time.

Thanks,

Peter

-----

Peter Collinson (PhD)
Marine Scientist- Environment Unit
Robert Command Centre
Louisiana
Mobile: 985 709 5780 (USA)
+44 7770 751634 (UK)

E-mail: collp5@bp.com

Peter Collinson (BSc PhD) Risk Team, Safety& Operations BP International Limited Building B W-034 Chertsey Road Sunbury-on -Thames TW16 7LN UK

Tel: +44 (0) 1932 756438 Mobile: +44 (0) 7770 751634 E-mail: collp5@bp.com

\_\_\_\_\_

----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: Craig Carroll/R6/USEPA/US
To: Sam Coleman/R6/USEPA/US@EPA

Cc: James Staves/R6/USEPA/US@EPA, Steve Mason/R6/USEPA/US@EPA, R6 DWH REOC RIC@EPA

Date: 05/21/2010 02:15 PM
Subject: Re: Dispersant Meetings for Today

Chief, Emergency Readiness Section

EPA Region 6 Ph: 214-665-2220 Fax: 214-665-9718

## ▼ Sam Coleman---05/21/2010 09:39:02 AM---We have two meetings set for today. All times are CDT

Sam Coleman/R6/USEPA/US

Dana Tulis/DC/USEPA/US@EPA, coleman.sam@epa.gov, Al Armendariz/R6/USEPA/US@EPA, Lawrence Starfield/R6/USEPA/US@EPA, Craig Carroll/R6/USEPA/US@EPA, mary.e.landry@uscg.mil, James.E.Hanzalik@uscg.mil, james.a.watson@uscg.mil, charlie.henry@noaa.gov, James Staves/R6/USEPA/US@EPA, Albert Venosa/CI/USEPA/US@EPA To:

Date: 05/21/2010 09:39 AM

Subject: Dispersant Meetings for Today

We have two meetings set for today.

All times are CDT

2:45pm EPA, NOAA, USCG Government only discussion (Need to determine LPJ availability and participation)

4:00 pm Add BP Representatives (Suttles participation needs to be confirmed)

Samuel Coleman, P.E. Director, Superfund Division Region 6 214 665-6701 214 789-2016 (cell) coleman.sam@epa.gov

----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: Craig Carroll/R6/USEPA/US Steve Mason/R6/USEPA/US@EPA Date: 05/21/2010 02:21 PM Subject: Re: Directive Checklist

Ok. Elizabeth working on it or you?

Craig Carroll Chief, Emergency Readiness Section EPA Region 6 Ph: 214-665-2220 Fax: 214-665-9718

▼ Steve Mason---05/21/2010 01:00:52 PM---Working on it Have not time to deal with it today

From: Steve Mason/R6/USEPA/US Craig Carroll/R6/USEPA/US@EPA Date: 05/21/2010 01:00 PM Subject: Re: Directive Checklist

> Working on it Have not time to deal with it today

Sent by EPA Wireless E-Mail Services

▼ Craig Carroll

---- Original Message ---From: Craig Carroll
Sent: 05/21/2010 12:58 PM CDT
To: Steve Mason
Co: Susan Webster; R6 DWH REOC RIC
Subject: Re: Directive Checklist Can I get the reformatted checklist today. I have got to get it to USCG today. Thanks

Craig Carroll Chief, Emergency Readiness Section EPA Region 6 Ph: 214-665-2220 Fax: 214-665-9718

▼ Steve Mason---05/20/2010 11:42:10 AM---Faithfully yours Steve

From: Steve Mason/R6/USEPA/US Craig Carroll/R6/USEPA/US@EPA

Cc: Elizabeth.Doomes@WestonSolutions.com, R6 DWH Info@EPA, R6 DWH REOC RIC@EPA Date: 05/20/2010 11:42 AM

Subject: Re: Directive Checklist

[attachment "DIRECTIVE ELEMENT CHECKLIST.docx" deleted by Craig Carroll/R6/USEPA/US]

Faithfully yours Steve

"Frequently, my thoughts get bored and walk down to my mouth. Often, this is a bad thing."

Steve Mason, EPA Region 6 (6SF-PE) 1445 Ross Avenue, Dallas, TX 75202 214-665-2276 / 214-665-2278 fax

#### ▼ Craig Carroll---05/20/2010 11:25:16 AM---Steve, Did you send me the final checklist?

From: Craig Carroll/R6/USEPA/US

Steve Mason/R6/USEPA/US@EPA

Elizabeth.Doomes@WestonSolutions.com, R6 DWH Info@EPA, R6 DWH REOC RIC@EPA

Date: 05/20/2010 11:25 AM Subject: Re: Directive Checklist

Did you send me the final checklist?

Craig Carroll Chief, Emergency Readiness Section EPA Region 6 Ph: 214-665-2220 Fax: 214-665-9718

#### ▼ Steve Mason---05/18/2010 12:54:32 PM---Craig, Elizabeth is going to put together a simple checklist of what the directive requires BP to pr

From: Steve Mason/R6/USEPA/US

Craig Carroll/R6/USEPA/US@EPA

Cc-Elizabeth.Doomes@WestonSolutions.com, R6 DWH Info@EPA

Date: 05/18/2010 12:54 PM Subject: Directive Checklist

Craig, Elizabeth is going to put together a simple checklist of what the directive requires BP to provide (and when) so we can match up to what they are sending to us now...

Faithfully yours

"Frequently, my thoughts get bored and walk down to my mouth. Often, this is a bad thing."

Steve Mason, EPA Region 6 (6SF-PE) 1445 Ross Avenue, Dallas, TX 75202 214-665-2276 / 214-665-2278 fax

----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: Sam Coleman/R6/USEPA/US To: Craig Carroll/R6/USEPA/US@EPA

James Staves/R6/USEPA/US@EPA, R6 DWH REOC RIC@EPA, Steve Mason/R6/USEPA/US@EPA

Date: 05/21/2010 02:23 PM

Subject: Re: Dispersant Meetings for Today

yes and I don't know

Samuel Coleman, P.E. Director, Superfund Division Region 6 214 665-6701 214 789-2016 (cell) coleman.sam@epa.gov

## ▼ Craig Carroll---05/21/2010 02:15:19 PM---We still having these calls? If so what will be focus after the 1200 hrs call? Craig Carroll

From: Craig Carroll/R6/USEPA/US

To: Sam Coleman/R6/USEPA/US@EPA

James Staves/R6/USEPA/US@EPA, Steve Mason/R6/USEPA/US@EPA, R6 DWH REOC RIC@EPA Cc:

Date: 05/21/2010 02:15 PM

Subject: Re: Dispersant Meetings for Today

We still having these calls? If so what will be focus after the 1200 hrs call?

Craig Carroll Chief, Emergency Readiness Section EPA Region 6 Ph: 214-665-2220 Fax: 214-665-9718

▼ Sam Coleman---05/21/2010 09:39:02 AM---We have two meetings set for today. All times are CDT

From: Sam Coleman/R6/USEPA/US

Dana Tulis/DC/USEPA/US@EPA, coleman.sam@epa.gov, Al Armendariz/R6/USEPA/US@EPA, Lawrence Starfield/R6/USEPA/US@EPA, Craig Carroll/R6/USEPA/US@EPA, mary.e.landry@uscg.mil, James.E.Hanzalik@uscg.mil, james.a.watson@uscg.mil, charlie.henry@noaa.gov, James Staves/R6/USEPA/US@EPA, Albert Venosa/CI/USEPA/US@EPA

Date: 05/21/2010 09:39 AM Subject: Dispersant Meetings for Today

We have two meetings set for today.

All times are CDT

2:45pm EPA, NOAA, USCG Government only discussion (Need to determine LPJ availability and participation)

4:00 pm Add BP Representatives (Suttles participation needs to be confirmed)

Samuel Coleman, P.F. Director, Superfund Division Region 6 214 665-6701 214 789-2016 (cell) coleman.sam@epa.gov

----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

"michele.a.finn" < Michele.A.Finn@noaa.gov>

To: "Collinson, Peter" <peter.collinson@uk.bp.com>

Randy.J.Tebeest@noaa.gov, Steve Mason/R6/USEPA/US@EPA

05/21/2010 02:26 PM

Subject: Re: Address for Crew and insurance questions

```
So - does that mean that they cruise is back on?
Collinson, Peter wrote:
   Dear Michele, Randy and Steve,
   The address for the crew to rendezvous is:-
    *ADDRESS:*
    *ICU*
*8912 Hwy 182 East*
*Morgan City, LA 70380*
*Att: Ocean Veritas*
*Perry Rosenthal (ship Captain)*
*206.849.5352*
    Email addresses for individuals on the boat:
    Neal: _nealf@stabbertmaritime.com_ <mailto:nealf@stabbertmaritime.com> Colin: _colinp@stabbertmaritime.com> <mailto:colinp@stabbertmaritime.com>
    *TIMING:*
    *ARRIVAL SUNDAY 23rd May- no specific time.*
    Thanks.
    *Peter Collinson* (PhD)
Marine Scientist- Environment Unit
Robert Command Centre
    Robert Communa...
Louisiana
Mobile: 985 709 5780 (USA)
+44 7770 751634 (UK)
   Peter Collinson (BSc PhD)
Risk Team, Safetyk Operations
BP International Limited
Building B W-034
Chertsey Road
Sumbury-on -Thames
TW16 7LN
    UK
Tel: +44 (0) 1932 756438
Mobile: +44 (0) 7770 751634
E-mail:__collp5@bp.com______
--- Captain Michele Finn, NOAA (301)713-4248 x106 (202)596-0680 cell (301)713-4389 fax
```

----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

## From: Paige Delgado/R6/USEPA/US

Paige Delgado/Re/USEPA/US
Althea Foster/Re/USEPA/US
Althea
Alt

05/21/2010 02:57 PM

Subject: Deepwater Horizon Incident Situation Update #24



#### Deepwater Horizon Incident, Gulf of Mexico Region 6 REOC Update

Subject: Region 6 Update # 24

Deepwater Horizon Incident, Gulf of Mexico May 21, 2010

Date: Incident Command To: Thru: Planning Section

From: Situation Unit Operational Period: May 21, 2010 0700 – May 25, 2010 0700 **Reporting Period:** May 20, 2010 1300 – May 21, 2010 1300

## 1. Background

Site Name: Deepwater Horizon Incident FPN#: N10036 Mobilization Date: 4/27/2010 Start Date: 4/28/2010

#### 2. Current Situation

- The incident status summary as reported in the BP Situation Executive Summary as of 0600 on 5/21:
  - 23,997 personnel and 1,085 offshore vessels are currently responding to the incident.
  - Over 1.46 million feet of containment boom and 560,000 feet of sorbent boom have been deployed.
  - Over 212,000 barrels of an oil-water mix have been recovered.
  - Over 604,000 gallons of surface dispersant have been applied. Over 73,000 gallons of subsea dispersant have been applied.
  - A total of 36 controlled burns have been conducted.
  - A SMART monitoring team was established at the Louisiana Offshore Oil Port to begin operations on 5/21.
- Subsea dispersant injection resumed at 1630 hours on 5/19 and is currently ongoing. Crews plan to continue subsea dispersant injection on 5/21.

#### 2.1 (USCG) Incident Command Post (Houma, LA)

- No surface dispersant was applied on 5/20 due to the presence of weathered oil; however, sub-surface dispersant injection was conducted.
- Controlled burns were conducted on 5/20.
- SCAT teams reported that Fourchon Beach was heavily oiled and that oil may have flowed over the beach into the back waters. Ground teams reported that the oil is present on the western portion of Grand Isle, LA. An Aerial SCAT of Brush Island indicated the presence of oil on the island.
- BP reported that 21 boats and 4 helicopters were deployed for wildlife reconnaissance and rescue operations on 5/20.
- The EPA Emergency Response DATA Team collaborated with NOAA to facilitate the first meeting of BP's Information Management Team. EPA plans to provide support to the USCG and NOAA to document the existing data flows.

## 2.2 (USCG) Area Command Post (Robert, LA)

- · Members of the EU, including representatives from NOAA, EPA, BP, and USCG met on 5/21, reviewed the Brooks McCall data report, and offered the following observations/questions:
- No data received to date is near the shutoff criteria established for Dissolved Oxygen or Toxicity.
- Data from 5/20 appears to indicate that the dispersed plume is smaller than observed last week.
- Since injection was continuous, currents were the same, and sampling methods were identical, it appears that the smaller plume footprint could be due to weaker source strength (lower release rate)
- o At least one sampling location near the dispersant injection site will be re-sampled each day in order to allow simple trend analysis. This will typically be the sample that will be used for Rototox analysis since it should have the highest hydrocarbon concentrations.
- EPA continued to coordinate logistics for a second sampling operation during dispersant application.
- EPA worked to identify a potential alternate source for dispersants.
  EPA met with NOAA to coordinate deep sea sampling activities.
- 2.3 Air Monitoring/Sampling

- EPA continues to conduct air monitoring and sampling in Venice operations area (VOCs and Particulates):
   Venice, LA 29.25274 N, 89.35750 W V02;

  - Boothville, LA 29.31449 N, 89.38433 W V03; Fort Jackson, LA 29.35699 N, 89.45487 W V05.
- EPA continues to conduct air monitoring and sampling in Chalmette operations area (VOCs and Particulates):
   O Poydras, LA 29.86609, -89.89108 CO2 located at Fire Station number 8;

  - Chalmette, LA 29.96082, -90.00132 C04 located at FireStation on Aycock St. Hopedale, LA, 29.84049, -89.68980 C05 located at Fire Station number 11.
- · Each air monitoring location has 4 pieces of air equipment:
  - EBAM (Particulate Monitors)-equipment has replaced DataRAM's; AreaRae/MultiRae monitoring VOCs;

  - PQ200 samples for PM2.5;
- SUMMA Canisters per location sample for VOCs.
   Air monitoring/sampling stations are monitored throughout the day (24 hours) for immediate reporting of any elevated VOC or particulate levels. The maximum reading is reported to the OSC at Mobile Command Post in Venice and Chalmette.
- · Real-time air monitoring data from midnight to midnight each day is reviewed for field QA and uploaded into SCRIBE by 1200 each day and available to EPA Headquarters, REOC, and external response partners.
- There are no exceedances to report.

## EPA summary of air monitoring/sampling activities:

Air Monitoring & Samples	DataRAM (PM10)	AreaRae	SUMMA Canisters	PM2.5	TOTALS FOR 5/17	
Venice	3 locs/24-hr	3 locs/24-hr	3	3	6	
Chalmette	3 locs/24-hr	3 locs/24-hr	3	3	6	
TOTAL TO DATE	6 locs/24-hr	6 locs/24-hr	239	120		

OAOC samples not included in sample

# 2.4 Water/Sediment Sampling

· EPA continues to conduct water sampling at locations provided by EPA Headquarters and selected through National Coastline Condition Assessment (NCCA) program.

- The NCCA sample locations are sampled every four years by state agencies with U.S. Coastlines. Sample parameters and locations were also selected in coordination
- with the EPA Region 6 Water Quality Division.

  Representatives from the Water Division and the REOC Environmental Units from R6 and R4 conduct a conference call three times a week with the HQ EOC to discuss the coordination and consistency of water and sediment sampling across the Deepwater Horizon Incident Response.
- On 5/20, Chalmette water operations conducted sampling in the Terrebonne and Timbalier Bays area near Ft. Fouchon and Grand Isle, LA to assess impacts from oil and dispersants
  - On 5/21 Chalmette water operations plan to collect water samples from the four points of concern in the Terrebonne and Timbalier Bays area. Samples will be collected from these locations once every 3-5 days.
  - · Venice water operations were not conducted on 5/20 and are scheduled to resume on 5/21. The target locations are along the Venice delta.

#### EPA summary of water/sediment activities:

Water/Sediment Samples	Water	Sediment	TOTALS FOR 5/18	
Venice	0	0	0	
Chalmette	6	1	7	
TOTAL TO DATE	85	71		

\*QAQC samples not included in sample count

## 2.5 TAGA

- 2.3 TAGA performed mobile monitoring for oil dispersant indicator compounds, OD-00 and OD-27, from Slidell, LA to Venice, LA. All observed OD-00 and OD-27 indicator compounds were associated with a point source.
- TAGA plans to perform mobile monitoring for oil dispersant indicator compounds, OD-00 and OD-27, on 5/21 in Southern MS and AL.

#### 2.6 ASPECT.

- On 5/20, ASPECT completed two missions. During the first mission, no oil burns were observed. A high altitude photo survey was conducted over the recovery area.
- Skimming operations were noted approximately 5 miles north of the rig site. During the second mission, ASPECT observed two oil fires.

  ASPECT personnel made general assessment by comparing aerial images from 5/17 to those collected 5/20. It appears that oil coverage over the rig area is beginning to break up into masses.
- ASPECT is not scheduled to fly on 5/21 while maintenance is conducted on the aircraft.

#### 2.7 Water Quality Protection Division Update

The Water Quality Protection Division situation update is attached.

#### 3. EPA Assets

## 3.1 Current Assets Deployed

- Activated in Dallas, TX
  - REOC activated
     SRICT activated

  - RRT activated

## Deployed Personnel

Personnel	Dallas, TX	Robert, LA	Houma, LA	New Orleans, LA	Chalmette, LA	Venice, LA	Slidell, LA	TOTALS
EPA								
- OSC	3		1		3	1		8
- RSC	5	1	1					7

- PIO		3						3
- Other	3	2	1	1				7
START	4				14	14		32
ERT Contractor								
TAGA Personnel							5	5
ASPECT Personnel							4	4
Other								
TOTALS	15	6	3	1	17	15	9	66

## **Deployed Equipment**

Equipment	Dallas, TX	Robert, LA	Houma, LA	New Orleans, LA	Chalmette, LA	Venice, LA	Slidell, LA	TOTALS
Mobile Command Post						1		1
ASPECT							1	1
TAGA Bus							1	1
LRV		1			1			2
Gooseneck Trailer						1		1
20 KW Generator						1		1
Dually Truck (R7)					1			1
Boat (R7)					1			1

<sup>\*</sup> One TAGA bus has been assigned to Region 4 Operations

### 4. Daily Cost Estimates

	Est. Personnel Cost	Est. Travel Cost	Est. Contracts/Purchase Spent	Total Est. Cost/Spent	Total Contract/ Purchase Oblig.	Total USCG PRFA Ceiling	Balance	Est. Daily Burn Rate	Days left
USCG PRFA FPN N10036	\$292,906	\$134,609	\$2,348,398	\$2,775,913	\$3,397,142	\$4,577,819	\$1,801,906	\$120,813	15
TOTAL EPA FUNDED	\$292,906	\$134,609	\$2,348,398	\$2,775,913	\$3,397,142	\$4,577,819	\$1,801,906	\$120,813	15
Region 6 Indirect Rate 13.12%						\$600,610			
Louisiana Total	\$292,906	\$134,609	\$2,348,398	\$2,775,913	\$3,397,142	\$5,178,429	\$1,801,906	\$120,813	15

CONFIDENTIALITY: This email and attachments may contain information which is confidential and proprietary. Disclosure or use of any such confidential or proprietary information without the written permission of Weston Solutions, Inc. is strictly prohibited. If you received this email in error, please notify the sender by return e-mail and delete this email from your system. Thank you.

From: "National Response Team" < National Response Team@sra.com>

<sup>-----</sup> Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

<sup>\*\*</sup>Comparison of the Comparison of the Comparison

<james e.hanzalik@uscg\_mil>, <leffrey\_Lofgren@northcom.mil>, Arthur Johnson/R1/US@EPA, Kathy Jones/DC/USEPA/US@EPA, <Jordan. M. Gottfried@who.eop.gov>, <Joseph.A. Conroy@uscg\_mil>, <Joseph.T. Lally@uscg\_mil>, <kune.er/yan@uscg\_mil>, <kathyrp. Moran@ostp.eop.gov>, <kevin\_D. Hursl@ostp.eop.gov>, Jim Knoy/DC/USEPA/US@EPA, <Leezie Kim@dhs\_gov>, <Liz. Birnbaum@mms.gov>, <Iori\_Laeth@los.dol.gov>, <Lynard.T. Johnson@uscg\_mil>, <mark.clark@usace.army.mil>, <Martin\_J. Mueller@USCG.MIL>, Steve Mason/R6/USEPA/US@EPA, <Marthews.Denise@dol.gov>, <Mbooks@eq.eop.gov>, Stan Melbuurg/R4/USEPA/US@EPA, <Michael.A. Hamel@uscg\_mil>, <Michael.A. AMorh@uscg\_mil>, <michael.fagam@dhs.gov>, <n2z.current.ops.omb@northcom.mil>, "NCC@uscg\_mil" <ncc@uscg\_mil>, <nichael.fagam@dhs.gov>, <NC.SWO@dhs.gov>, <NC.SWO@dhs.gov>, <NC.SWO@dhs.gov>, <NCROSWO@dhs.gov>, <NCROSW

Date: 05/21/2010 03:04 PM

Subject: NRT Memo: NRT meeting summaries for Deepwater Horizon/BP oil spill meetings

## \*\*\*\*\*\*DO NOT REPLY TO THIS EMAIL - THIS IS A POST MAILING ONLY\*\*\*\*\*\*

Contact Mike Faulkner (<a href="mailto:faulkner.mike@epa.gov">faulkner.mike@epa.gov</a>; 202-564-1978) with substantive questions and Michael Lengle (<a href="mailto:michael\_lengle@sra.com">michael\_lengle@sra.com</a>; 703-284-6086) with logistical questions.

To: NRT Members and Alternates Sent on behalf of: USCG and EPA

To: NRT Members and Alternates Cc: NRT Member meeting attendees

Re: NRT meeting summaries for Deepwater Horizon/BP oil spill meetings

NRT meeting summaries are reviewed by the USCG and EPA before being released to the NRT Member Agencies. Please contact your member agency representative to obtain a copy of the meeting summary. NRT meeting summaries are released within 24 hours and will bear the blue NRT banner at the top of the page.

Any other meeting minutes for an NRT call shall be held internally and shall not be distributed. Additionally, these other meeting minutes should bear the name of authoring agency/department in the header so as to prevent confusion.

Please share this message within your agency, as appropriate.

Thank you.

----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: Craig Carroll/R6/USEPA/US
To: Sam Coleman/R6/USEPA/US@EPA

Cc: James Staves/R6/USEPA/US@EPA, R6 DWH REOC RIC@EPA, Steve Mason/R6/USEPA/US@EPA, Nancy Jones/R6/USEPA/US@EPA

Date: 05/21/2010 03:24 PM

Subject: Re: Dispersant Meetings for Today

Sam, we have fixed the data issue today I think. I have already pulled trigger on the data support of USCG/NOAA in Houma to address reporting requirements under the directives as well as pull together other data sources that we believe will be important in the coming weeks.

Craig Carroll Chief, Emergency Readiness Section EPA Region 6 Ph: 214-665-2220 Fax: 214-665-9718

▼ Sam Coleman---05/21/2010 02:23:34 PM---yes and I don't know Samuel Coleman, P.E.

From: Sam Coleman/R6/USEPA/US

To: Craig Carroll/R6/USEPA/US@EPA

Cc: James Staves/R6/USEPA/US@EPA, R6 DWH REOC RIC@EPA, Steve Mason/R6/USEPA/US@EPA

Date: 05/21/2010 02:23 PM Subject: Re: Dispersant Meetings for Today

yes and I don't know

Samuel Coleman, P.E. Director, Superfund Division Region 6 214 665-6701 214 789-2016 (cell) coleman.sam@epa.gov

V Craig Carroll---05/21/2010 02:15:19 PM---We still having these calls? If so what will be focus after the 1200 hrs call? Craig Carroll

From: Craig Carroll/R6/USEPA/US

To: Sam Coleman/R6/USEPA/US@EPA

Cc: James Staves/R6/USEPA/US@EPA, Steve Mason/R6/USEPA/US@EPA, R6 DWH REOC RIC@EPA

Date: 05/21/2010 02:15 PM

Subject: Re: Dispersant Meetings for Today

We still having these calls? If so what will be focus after the 1200 hrs call?

Chief, Emergency Readiness Section

EPA Region 6 Ph: 214-665-2220 Fax: 214-665-9718

## ▼ Sam Coleman---05/21/2010 09:39:02 AM---We have two meetings set for today. All times are CDT

Sam Coleman/R6/USEPA/US

Dana Tulis/DC/USEPA/US@EPA, coleman.sam@epa.gov, Al Armendariz/R6/USEPA/US@EPA, Lawrence Starfield/R6/USEPA/US@EPA, Craig Carroll/R6/USEPA/US@EPA, mary.e.landry@uscg.mil, James.E.Hanzalik@uscg.mil, james.a.watson@uscg.mil, charlie.henry@noaa.gov, James Staves/R6/USEPA/US@EPA, Albert Venosa/CI/USEPA/US@EPA

Date: 05/21/2010 09:39 AM Subject: Dispersant Meetings for Today

We have two meetings set for today.

All times are CDT

2:45pm EPA, NOAA, USCG Government only discussion (Need to determine LPJ availability and participation)

4:00 pm Add BP Representatives (Suttles participation needs to be confirmed)

Samuel Coleman, P.E. Director, Superfund Division Region 6 214 665-6701 214 789-2016 (cell) coleman.sam@epa.gov

----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: Craig Matthlessen/DC/USEPA/US To: Steve Mason/R6/USEPA/US@EPA Cc: Leigh DeHaven/DC/USEPA/US@EPA Date: 05/21/2010 03:26 PM Subject: Re: Formula for Sea Brat

Hi, Steve; I don't have it - I've copied Leigh Dehaven who can get the info to you. Craig

## Tsteve Mason---05/21/2010 03:53:56 PM---Craig... can you send me the formula.... Under TSCA, you can send CBI TSCA CBI on approved Local Are

From: Steve Mason/R6/USEPA/US Craig Matthiessen/DC/USEPA/US@EPA Date: 05/21/2010 03:53 PM

Subject: Formula for Sea Brat

Craig... can you send me the formula....

Under TSCA, you can send CBI TSCA CBI on approved Local Area Networks (LANs).

I will protect it as CBI

Faithfully yours

"Frequently, my thoughts get bored and walk down to my mouth. Often, this is a bad thing."

Steve Mason, EPA Region 6 (6SF-PE) 1445 Ross Avenue, Dallas, TX 75202 214-665-2276 / 214-665-2278 fax

---- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: Leigh DeHaven/DC/USEPA/US Craig Matthiessen/DC/USEPA/US@EPA To: mason.steve@epa.gov

Date: 05/21/2010 03:33 PM Subject: Re: Formula for Sea Brat

That was Nancy Jones who has the formula

Leigh E. DeHaven U.S. Environmental Protection Agency O.S. EMINIORINITIAL Protection Agents, Office of Emergency Management (OEM) Regulation and Policy Development Division 1200 Pennsylvania Ave., NW (5104A) Room 6450 EE Washington, DC 20460 tel: (202) 564-1974 fax: (202) 564-2625

-----Craig Matthiessen/DC/USEPA/US wrote: -----

To: Steve Mason/R6/USEPA/US@EPA From: Craig Matthiessen/DC/USEPA/US Date: 05/21/2010 04:26PM cc: Leigh DeHaven/DC/USEPA/US@EPA Subject: Re: Formula for Sea Brat

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----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

 From:
 Leigh DeHaven/DC/USEPA/US

 To:
 Craig Matthlessen/DC/USEPA/US@EPA

 Cc:
 Steve Mason/R6/USEPA/US@EPA

 Date:
 05/21/2010 03:32 PM

 Subject:
 Re: Formula for Sea Brat

I can't send any formulas out per OGC. Try Nacy Jone she got it from Nick on Sunday. Or CALL the Manufacturer - Charles Shefflied.

Leigh E. DeHaven U.S. Environmental Protection Agency Office of Emergency Management (OEM) Regulation and Policy Development Division 1200 Pennsylvania Ave., NW (5104A) Room 6450 EE Washington, DC 20460 tel: (202) 564-1974 fax: (202) 564-2625

-----Craig Matthiessen/DC/USEPA/US wrote: -----

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Date: 05/21/2010 03:53 PM
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Steve Mason, EPA Region 6 (6SF-PE) 1445 Ross Avenue, Dallas, TX 75202 214-665-2276 / 214-665-2278 fax

---- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: Deborah Greenwell/R6/USEPA/US

Deborah Greenwell/Ré/USEPA/USEPA, Carge Pattigrew/Ré/USEPA/USEPA, Patrick Young/Ré/USEPA/USEPA, Larry Leshy/Ré/USEPA/USEPA, Dorothy Crawford/Ré/USEPA/USEPA, Darry Patrick Young/Ré/USEPA/USEPA, Larry Leshy/Ré/USEPA/USEPA, Darry Patrick Young/Ré/USEPA/USEPA, Red Ré/USEPA/USEPA, Darry Patrick Young/Ré/USEPA/USEPA, Red Ré/USEPA/USEPA, Chris Patrick Young/Ré/USEPA/USEPA, Red Ré/USEPA/USEPA, Chris Patrick Young/Ré/USEPA/USEPA, Red Ré/USEPA/USEPA, Red Ré/USEPA/USEPA/USEPA, Red Ré/USEPA/USEPA/USEPA, Red Ré/USEPA/USEPA/USEPA, Red Ré/USEPA/

05/21/2010 03:33 PM

Subject: Sam Coleman's Calendar for Monday May 24, 2010

9:00 - 10:00 am SR Staff mtg : RA's Conf room SUBJECT: LOCATION:

10:30 - 11:30 am SUBJECT: SF Staff mtg LOCATION: 10B2

TIME: 10:30 - 4:00 pm SUBJECT: ELT LOCATION: RA's Conf room

TIME: 3:30 - 4:30pm SUBJECT: SR RICT LOCATION: RA's Conf room

TIME: 5:00pm

SUBJECT: Travael to DD mtg

Deborah Greenwell Branch Secretary Technical & Enforcement Branch 214/ 665 8125

---- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

Diane Thompson/DC/USEPA/US From:

Steve Mason/R6/USEPA/US@EPA, Dana Tulis/DC/USEPA/US@EPA

"Charlie Henry" <Charlie.Henry@noaa.gov>, Sam Coleman/R6/USEPA/US@EPA, James Staves/R6/USEPA/US@EPA, R6 DWH Info@EPA, "Seth Oster" <oster.seth@epa.gov>

05/21/2010 03:55 PM

Subject: Re: Proposed language we would like to give Adm. Landry

I think this is closer to waht we discussed:

The Unified Command will continue to use an integrated management approach to control the oil. This approach will prioritize offshore response efforts as follows, starting with highest priority: subsurface application first; mechanical recovery, skimming, and burning on the surface second; surface dispersant third (and only as specified below). When appropriate to address oil not otherwise remediated with priority aproaches, surface application of dispersant will be used. All parties agree, since the inception of the response, the use of dispersants should be minimized whenever feasible. Monitoring of the application of dispersants, both subsurface and surface, will continue to determine efficacy and to any short-term impacts. Steve Mason

-- Original Message -----From: Steve Mason
Sent: 05/21/2010 03:43 PM CDT
Dana Tulis; Diane Thompson Cc: Charlie.Henry@noaa.gov; Sam Coleman; James Staves; R6 DWH Info Subject: Proposed language we would like to give Adm. Landry

[attachment "Suggested language.docx" deleted by Diane Thompson/DC/USEPA/US]

Faithfully yours

"Frequently, my thoughts get bored and walk down to my mouth. Often, this is a bad thing."

Steve Mason, EPA Region 6 (6SF-PE) 1445 Ross Avenue, Dallas, TX 75202 214-665-2276 / 214-665-2278 fax

---- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: "National Response Team" < National Response Team@sra.com >

<alan.remick@nnsa.doe.gov>, <alberto.torres@uscq.mil>, <alyssa.m.johnson@uscq.mil>, <Amy.McEiroy@uscq.mil>, <anthony.s.lloyd@uscq.mil>, <black.velde@dm.usda.gov> <alan.remick@nnsa.doe.gov>, <alberto.torres@uscg.mll>, <alyssa.m.johnson@uscg.mll>, <amy.McEiroy@uscg.mll>, <amy.McEiroy@uscg.mll>, <amb. McEiroy@uscg.mll>, <ahy.McEiroy@uscg.mll>, <ahy.McEiroy@u

<awillam.conner@noaa.gov>, awillie\_taylor@ios.doi.gov>
Alica.hill@dxs.gov> < Amy.kudwa@dxs.gov> < Antoinette McCann@northcom.mil>, < Brian. Screnar@ios.doi.gov>, Carroll/R6/USEPA/USEPA, < Christopher D. Martin@uscg.mil>, < Christopher D. Martin@uscg.mil>, < Christopher Mansour@os.doi.gov>, < Clark Stevens1@dxs.gov>, < CMT.DEPTeamChief@ip.pentagon.mil> < CMT.TeamChief@ip.pentagon.mil>, < CMT.TeamChief@ip.gov>, < CMT.DePTeamChief@ip.pentagon.mil>, < CMT.TeamChief@ip.gov>, < CMT.DePTeamChief@ip.gov>, < CMT.DePTeamChief@ip.gov>,

05/21/2010 03:58 PM

Subject: NRT Meeting Alert: announcement and agenda May 22, 2010 @ 1100 EDT

#### \*\*\*\*\*\*DO NOT REPLY TO THIS EMAIL - THIS IS A POST MAILING ONLY\*\*\*\*\*\*

Contact Mike Faulkner (faulkner.mike@epa.gov; 202-564-1978) with substantive questions and Michael Lengle (michael lengle@sra.com; 703-284-6086) with logistical questions.

> To: NRT Members and Alternates Sent on behalf of USCG

From: CAPT A.S. Lloyd, NRT Vice Chair, NRT Chair for the BP Oil Spill Response - Gulf of Mexico Incident

Secretary Napolitano and the National Incident Commander (NIC) have requested a conference call with the NRT Member Agency Heads (Secretary Level) plus one member. This call is scheduled for 11:00 AM EDT on May 22, 2010 and should last no longer than 30 minutes. Regional Response Team IV and VI Co-Chairs may call in

Please call in at 10:45 AM and note that roll call will begin at 10:50 AM. The call in telephone number is 1-800-320-4330; PIN: 193740#. The agenda is attached for your

Action Items:

- As soon as possible, please provide the name of Principal-level representative(s) who will be participating on the call to Joseph.T.Lally@uscq.mil.
- NRT Members: Please ensure your Agency Principals are aware of the senior level interest in these BP Oil Spill Response Gulf of Mexico incident NRT meetinas.

Due to the technical nature of this conference bridge and potential to create interference during the call, NRT members are asked to call in via land line. Cell phones are extremely disruptive and may cause the call to drop. In addition, the nature of this telephone bridge is such that a tone will sound when participants enter or leave the conference. As such, it is requested you not call into the bridge after 11:00 AM EDT, nor drop out of the conference prior to its conclusion. In addition, unless actively participating, it is requested you keep your telephone on mute. Please do not place your telephone on hold during the conference.

W

----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: James Staves/R6/USEPA/US

"Steve Mason" < Mason, Steve@epamail.epa.gov > To:

Date: 05/21/2010 04:10 PM

Subject: Fw: Proposed language we would like to give Adm. Landry

## ▼ Diane Thompson

-- Original Message -----From: Diane Thompson
Sent: 05/21/2010 04:55 PM EDT
To: Steve Mason; Dana Tulis
Cc: "Charlie Henry" "Charlie.Henry@noaa.gov>; Sam Coleman; James Staves; R6 DWH Info; "Seth Oster" <oster.seth@epa.gov>
Subject: Re: Proposed language we would like to give Adm. Landry
I think this is closer to Waht We discussed:

The Unified Command will continue to use an integrated management approach to control the oil. This approach will prioritize offshore response efforts as follows, starting with highest priority: subsurface application first; mechanical recovery, skimming, and burning on the surface second; surface dispersant third (and only as specified below). When appropriate to address oil not otherwise remediated with priority aproaches, surface application of dispersant will be used. All parties agree, since the inception of the response, the use of dispersants should be minimized whenever feasible. Monitoring of the application of dispersants, both subsurface and surface, will continue to determine efficacy and to any short-term impacts ▼ Steve Mason

```
---- Original Message ---
From: Steve Mason
sent: 05/21/2010 03:43 PM CDT
To: Dana Tulis; Diane Thompson
Co: Charlie.Henry@noaa.gov; Sam Coleman; James Staves; R6 DWH Info
Subject: Proposed language we would like to give Adm. Landry
           - Original Message -----
```

[attachment "Suggested language.docx" deleted by Diane Thompson/DC/USEPA/US]

Faithfully yours Steve

"Frequently, my thoughts get bored and walk down to my mouth. Often, this is a bad thing."

Steve Mason, EPA Region 6 (6SF-PE) 1445 Ross Avenue, Dallas, TX 75202 214-665-2276 / 214-665-2278 fax

----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: Sam Coleman/R6/USEPA/US

To: Diane Thompson/DC/USEPA/US@EPA, Steve Mason/R6/USEPA/US@EPA, Dana Tulis/DC/USEPA/US@EPA

"Charlie Henry" < Charlie.Henry@noaa.goy>, James Staves/R6/USEPA/US@EPA, R6 DWH Info@EPA, "Seth Oster" < oster.seth@epa.goy> Cc:

Date: 05/21/2010 04:11 PM

Subject: Re: Proposed language we would like to give Adm. Landry

Letter?

Samuel Coleman, PE Superfund Div Region 6 214 665 6701 Ofc 214.789.2016 Cell

Sent by EPA Wireless E-Mail Services

Diane Thompson

```
-- Original Message ----
      ---- UTIGINAL MVESSAge -----
From: Diane Thompson
Sent: 05/21/2010 04:55 PM EDT
To: Steve Mason: Dana Tulis
Co: "Charlie Henry" <Charlie.Henry@noaa.gov>; Sam Coleman; James Staves; R6 DWH Info; "Seth Oster" <oster.seth@epa.gov>
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Sent: 05/21/2010 03:43 PM CDT
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Subject: Proposed language we would like to give Adm. Landry
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[attachment "Suggested language.docx" deleted by Diane Thompson/DC/USEPA/US]

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---- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

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To: Sam Coleman/R6/USEPA/US@EPA, Steve Mason/R6/USEPA/US@EPA, Dana Tulis/DC/USEPA/US@EPA

"Charlie Henry" <Charlie.Henry@noaa.gov>, James Staves/R6/USEPA/US@EPA, R6 DWH Info@EPA, "Seth Oster" <oster.seth@epa.gov>

Date: 05/21/2010 04:16 PM

Subject: Re: Proposed language we would like to give Adm. Landry

We think u need to tell them we will get them paper later, and discuss the key problem areas and listen to what they say; find out when and how they will hav info on other dispersants. At this point the only direction we hv is that this shld be a directiv.

Sam Coleman

```
---- Original Message -----
 From: Sam Coleman
Sent: 05/21/2010 05:11 PM EDT
To: Diane Thompson; Steve Mason; Dana Tulis
Co: "Charlie Henry" <Charlie.Henry@noaa.gov>; James Staves; R6 DWH Info; "Seth Oster" <oster.seth@epa.gov>
```

```
{\bf Subject:}\ {\tt Re:}\ {\tt Proposed}\ {\tt language}\ {\tt we}\ {\tt would}\ {\tt like}\ {\tt to}\ {\tt give}\ {\tt Adm.}\ {\tt Landry}\ {\tt Letter?}
```

Samuel Coleman, PE Superfund Div Region 6 214.665.6701 Ofc 214.789.2016 Cell

Sent by EPA Wireless E-Mail Services

```
▼ Diane Thompson
```

```
----- Original Message ----
From: Diane Thompson
Sent: 05/21/2010 04:55 PM EDT
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Co: "Charlie Henry" <Charlie.Henry@noaa.gov>; Sam Coleman; James Staves; R6 DWH Info; "Seth Oster" <oster.seth@epa.gov>
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Faithfully yours Steve

"Frequently, my thoughts get bored and walk down to my mouth. Often, this is a bad thing."

Steve Mason, EPA Region 6 (6SF-PE) 1445 Ross Avenue, Dallas, TX 75202 214-665-2276 / 214-665-2278 fax

---- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

 From:
 Richard Mayer/R6/USEPA/US

 To:
 Steve Mason/R6/USEPA/US@EPA

 Cc:
 Philip Turner/R6/USEPA/US@EPA

 Date:
 05/21/2010 05:12 PM

 Subject:
 Brooks McCall Data

Steve, please put Philip Turner on your e-mail list for the Brooks McCall data that you send early in the morning. He's the taking my place as the EUL.

Rich Mayer, P.G. Sr. Project Engineer US EPA Federal Facilities Section (6PD-F) 214-665-7442 Fax - 214-665-7263

---- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

 From:
 Eric Delgado/R6/USEPA/US

 To:
 Craig Carroll/R6/USEPA/US@EPA

 Cc:
 Steve Mason/R6/USEPA/US@EPA

 Date:
 05/21/2010 05:15 PM

Subject: Re: Fw: Aerial Dispersants Operations Map

That map is made by the O'Brians group at the Houma ICP in the air dispersant group in OPS. Getting any data out of them has been very difficult.

Dave Bary is the EPA Information Officer in the JIC. Do you know how to make his request happen or direct Steve in the right way to make it happen?

Craig Carroll
Chief, Emergency Readiness Section
EPA Region 6
Ph: 214-665-2220
Fax: 214-665-9718
----- Forwarded by Craig Carroll/R6/USEPA/US on 05/21/2010 05:01 PM -----

David Bary/R6/USEPA/US
Mark Hansen/R6/USEPA/US@EPA, Craig Carroll/R6/USEPA/US@EPA, Susan Webster/R6/USEPA/US@EPA
05/21/2010 04:19 PM
Aerial Dispersants Operations Map From: I need assistance on this. The Administrator has asked that the map in the attached link be added to the DeepwaterHorizonResponse Web page, and Admiral Landry has agreed. I have been typing to find the source of this map since yesterday and have not had any success. I suspect the source may be in the Houma ICP. http://www.epaosc.org/sites/6022/files/DispersantsOperationsSummary5.20.pdf Thanks in advance. Dave Bary (214) 354-7172 ----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----From: Seth Oster/DC/USEPA/US Sam Coleman/R6/USEPA/US@EPA, Diane Thompson/DC/USEPA/US@EPA, Steve Mason/R6/USEPA/US@EPA, Dana Tulis/DC/USEPA/US@EPA Cc-"Charlie Henry" <Charlie.Henry@noaa.gov>, James Staves/R6/USEPA/US@EPA, R6 DWH Info@EPA Date: 05/21/2010 04:17 PM Subject: Re: Proposed language we would like to give Adm. Landry

Can we quantify how much dispersant usage might be reduced through this prioritization?

----- Original Message ----From: Sam Coleman
Sent: 05/21/2010 05:11 PM EDT
To: Diane Thompson; Steve Mason; Dana Tulis
Co: "Charlie Henry" <Charlie. Henry@noaa.gov>; James Staves; R6 DWH Info; "Seth Oster" <oster.seth@epa.gov>
Subject: Re: Proposed language we would like to give Adm. Landry Letter?

Samuel Coleman, PE Superfund Div Region 6 214.665.6701 Ofc 214.789.2016 Cell

Sent by EPA Wireless E-Mail Services 
▼ Diane Thompson

-- Original Message ----

I think this is closer to waht we discussed:

The Unified Command will continue to use an integrated management approach to control the oil. This approach will prioritize offshore response efforts as follows, starting with highest priority: subsurface application first; mechanical recovery, skimming, and burning on the surface second; surface dispersant third (and only as specified below). When appropriate to address oil not otherwise remediated with priority aproaches, surface application of dispersant will be used. All parties agree, since the inception of the response, the use of dispersants should be minimized whenever feasible. Monitoring of the application of dispersants, both subsurface and surface, will continue to determine efficacy and to any short-term impacts. 
▼ Steve Mason

---- Original Message -----

From: Steve Mason Sent: 05/21/2010 03:43 PM CDT

To: Dana Tulis; Diane Thompson Ce: Charlie.Henry@noa.gov; Sam Coleman; James Staves; R6 DWH Info Subject: Proposed language we would like to give Adm. Landry

[attachment "Suggested language.docx" deleted by Diane Thompson/DC/USEPA/US]

Faithfully yours Steve

"Frequently, my thoughts get bored and walk down to my mouth. Often, this is a bad thing."

Steve Mason, EPA Region 6 (6SF-PE) 1445 Ross Avenue, Dallas, TX 75202 214-665-2276 / 214-665-2278 fax

---- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: Craig Carroll/R6/USEPA/US James.E.Hanzalik@uscq.mil To:

Steve Mason/R6/USEPA/US@EPA, R6 DWH REOC RIC@EPA

Date: 05/21/2010 05:03 PM

Subject: Fw: Aerial Dispersants Operations Map

Dave Bary is the EPA Information Officer in the JIC. Do you know how to make his request happen or direct Steve in the right way to make it happen?

Craig Carroll Chief, Emergency Readiness Section EPA Region 6 Ph: 214-665-2220

Fax: 214-665-9718

```
---- Forwarded by Craig Carroll/R6/USEPA/US on 05/21/2010 05:01 PM -----
From: David Bary/R6/USFPA/US
        Mark Hansen/R6/USEPA/US@EPA, Craig Carroll/R6/USEPA/US@EPA, Susan Webster/R6/USEPA/US@EPA
To:
        05/21/2010 04:19 PM
Subject: Aerial Dispersants Operations Map
```

I need assistance on this. The Administrator has asked that the map in the attached link be added to the DeepwaterHorizonResponse Web page, and Admiral Landry has agreed. I have been typing to find the source of this map since yesterday and have not had any success. I suspect the source may be in the Houma ICP.

http://www.epaosc.org/sites/6022/files/DispersantsOperationsSummary5.20.pdf

Thanks in advance.

Dave Bary (214) 354-7172

----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----From: Sam Coleman/R6/USEPA/US Seth Oster/DC/USEPA/US@EPA, Diane Thompson/DC/USEPA/US@EPA, Steve Mason/R6/USEPA/US@EPA, Dana Tulis/DC/USEPA/US@EPA "Charlie Henry" <Charlie.Henry@noaa.gov>, James Staves/R6/USEPA/US@EPA, R6 DWH Info@EPA Date: 05/21/2010 04:20 PM Subject: Re: Proposed language we would like to give Adm. Landry

We can give daily totals and treNds. Got a prediction or guarantee

Samuel Coleman, PE Superfund Div Region 6 214.665.6701 Ofc 214.789.2016 Cell

Sent by EPA Wireless E-Mail Services ▼ Seth Oster

```
---- Original Message -----
  Trom: Seth Oster
From: Seth Oster
Sent: 05/21/2010 05:17 PM EDT
To: Sam Coleman; Diane Thompson; Steve Mason; Dana Tulis
Co: "Charlie Henry" <Charlie.Henry@noaa.gov>; James Staves; R6 DWH Info
Subject: Re: Proposed language we would like to give Adm. Landry
```

Can we quantify how much dispersant usage might be reduced through this prioritization?  $\overline{{\bf v}}$  Sam Coleman

```
---- Original Message ----
From: Sam Coleman
Sent: 05/21/2010 05:11 PM EDT
To: Diane Thompson; Steve Mason; Dana Tulis
Cc: "Charlie Henry" <Charlie, Henry@noaa.gov>; James Staves; R6 DWH Info; "Seth Oster" <oster.seth@epa.gov>
Subject: Re: Proposed language we would like to give Adm. Landry
Letter?
```

Samuel Coleman, PE Superfund Div Region 6 214.665.6701 Ofc 214.789.2016 Cell

Sent by EPA Wireless E-Mail Services

Diane Thompson

```
---- Original Message -----
From: Diane Thompson
Sent: 05/21/2010 04:55 PM EDT
To: Steve Mason; Dana Tulis
Cc: "Charlie Henry" <Charlie.Henry@noaa.gov>; Sam Coleman; James Staves; R6 DWH Info; "Seth Oster" <oster.seth@epa.gov>
Subject: Re: Proposed language we would like to give Adm. Landry
I think this is closer to waht we discussed:
```

The Unified Command will continue to use an integrated management approach to control the oil. This approach will prioritize offshore response efforts as follows, starting with highest priority: subsurface application first; mechanical recovery, skimming, and burning on the surface second; surface dispersant third (and only as specified below). When appropriate to address oil not otherwise remediated with priority aproaches, surface application of dispersant will be used. All parties agree, since the inception of the response, the use of dispersants should be minimized whenever feasible. Monitoring of the application of dispersants, both subsurface and surface, will continue to determine efficacy and to any short-term impacts.

▼ Steve Mason

```
- Original Message -----
---- UTIGITIAI INCLASAGE
From: Steve Mason
Sent: 05/21/2010 03:43 PM CDT
To: Dana Tulis; Diane Thompson
Co: Charlie.Henry@noa.a.gov; Sam Coleman; James Staves; R6 DWH Info
Subject: Proposed language we would like to give Adm. Landry
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[attachment "Suggested language.docx" deleted by Diane Thompson/DC/USEPA/US]

Faithfully yours Steve

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Steve Mason, EPA Region 6 (6SF-PE) 1445 Ross Avenue, Dallas, TX 75202 214-665-2276 / 214-665-2278 fax

----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: Craig Carroll/R6/USEPA/US David Bary/R6/USEPA/US@EPA

Cc: Mark Hansen/R6/USEPA/US@EPA, Susan Webster/R6/USEPA/US@EPA, Steve Mason/R6/USEPA/US@EPA, R6 DWH REOC RIC@EPA, James.E.Hanzalik@uscg.mil

Date: 05/21/2010 05:03 PM

Subject: Re: Aerial Dispersants Operations Map

So you don't need any help?

Craig Carroll Chief, Emergency Readiness Section EPA Region 6 Ph: 214-665-2220

Fax: 214-665-9718

## ▼ David Bary---05/21/2010 04:25:32 PM---The map referenced in my previous email is on page 10.

From: David Bary/R6/USEPA/US

Mark Hansen/R6/USEPA/US@EPA, Craig Carroll/R6/USEPA/US@EPA, Susan Webster/R6/USEPA/US@EPA

05/21/2010 04:25 PM Subject: Aerial Dispersants Operations Map

The map referenced in my previous email is on page 10.

----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: Craig Carroll/R6/USEPA/US

Steve Mason/R6/USEPA/US@EPA

Mark Mjoness/DC/USEPA/US@EPA, R6 DWH REOC RIC@EPA, Susan Webster/R6/USEPA/US@EPA

Date: 05/21/2010 05:00 PM

Subject: Re: Research Vessels from Military

#### Ok. Thanks for checking.

Craig Carroll Chief, Emergency Readiness Section

EPA Region 6 Ph: 214-665-2220 Fax: 214-665-9718

## Steve Mason---05/21/2010 04:09:50 PM---NOAA is now saying they may have 5 research vessels in the area to do sampling and monitoring, there

From: Steve Mason/R6/USEPA/US

Craig Carroll/R6/USEPA/US@EPA, Mark Mjoness/DC/USEPA/US@EPA

R6 DWH REOC RIC@EPA, Susan Webster/R6/USEPA/US@EPA Cc:

Date: 05/21/2010 04:09 PM Subject: Re: Research Vessels from Military

NOAA is now saying they may have 5 research vessels in the area to do sampling and monitoring, therefore, Capt. Hanzalik, and Charlie and Jim Staves all agree there is no reason to request additional vessels at this time.

Faithfully yours

"Frequently, my thoughts get bored and walk down to my mouth. Often, this is a bad thing."

Steve Mason, EPA Region 6 (6SF-PE) 1445 Ross Avenue, Dallas, TX 75202 214-665-2276 / 214-665-2278 fax

## V Craig Carroll---05/21/2010 12:40:46 PM---Steve, Mark Mjoness said we could go through the DCO at the FEMA office to request additional resear

From: Craig Carroll/R6/USEPA/US Steve Mason/R6/USEPA/US@EPA

To:

Susan Webster/R6/USEPA/US@EPA, R6 DWH REOC RIC@EPA

Date: 05/21/2010 12:40 PM Subject: Research Vessels from Military

Steve.

Mark Mjoness said we could go through the DCO at the FEMA office to request additional research vessels. Would you give the DCO a call and inquire about timing and cost. Thanks

Craig Carroll Chief, Emergency Readiness Section EPA Region 6

Ph: 214-665-2220 Fax: 214-665-9718

----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: David Bary/R6/USEPA/US Nancy Jones/R6/USEPA/US@EPA To:

Craig Carroll/R6/USEPA/US@EPA, R6 DWH Info@EPA, Steve Mason/R6/USEPA/US@EPA

Date: 05/21/2010 05:17 PM

Subject: Re: Fw: Aerial Dispersants Operations Map

Hi Nancy,

Are you able to provide a link to only the map?

Dave Bary

Nancy Jones---05/21/2010 05:09:15 PM---That report and map are posted on to the Homeland Security Information Network so there is not a wa

Nancy Jones/R6/USEPA/US

Craig Carroll/R6/USEPA/US@EPA, Steve Mason/R6/USEPA/US@EPA To:

David Bary/R6/USEPA/US@EPA, R6 DWH Info@EPA Cc:

Date: 05/21/2010 05:09 PM

Subject: Re: Fw: Aerial Dispersants Operations Map

That report and map are posted on to the Homeland Security Information Network so there is not a way to link to it. However, they have me access to it and I have been dowloading the report and posting daily to epaosc.net.

▼ Fw: Aerial Dispersants Operations Map

## Fw: Aerial Dispersants Operations Map

Craig to: James.E.Hanzalik Carroll

Cc: Steve Mason, R6 DWH REOC RIC

James,

Dave Bary is the EPA Information Officer in the JIC. Do you know how to make his request happen or direct Steve in the right way to make it

Craig Carroll Chief, Emergency Readiness Section

EPA Region 6
Ph: 214-665-2220
Fax: 214-665-9718
----- Forwarded by Craig Carroll/R6/USEPA/US on 05/21/2010 05:01 PM -----

From: David Bary/R6/USEPA/US

Mark Hansen/R6/USEPA/US@EPA, Craig Carroll/R6/USEPA/US@EPA, Susan Webster/R6/USEPA/US@EPA To:

Date: 05/21/2010 04:19 PM

Subject: Aerial Dispersants Operations Map

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http://www.epaosc.org/sites/6022/files/DispersantsOperationsSummary5.20.pdf

Thanks in advance.

Dave Bary (214) 354-7172

---- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: Nancy Jones/R6/USEPA/US

David Bary/R6/USEPA/US@EPA

Craig Carroll/R6/USEPA/US@EPA, R6 DWH Info@EPA, Steve Mason/R6/USEPA/US@EPA

Date: 05/21/2010 05:27 PM

Subject: Re: Fw: Aerial Dispersants Operations Map

No - can you link to epaosc.net?

# Sent by EPA Wireless E-Mail Services ▼ David Bary

```
---- Original Message ----
From: David Bary
Sent: 05/21/2010 05:17 PM CDT
To: Nancy Jones
Cc: Craig Carroll: R6 DWH Info; Steve Mason
Subject: Re: Fw: Aerial Dispersants Operations Map
Hi Nancy,
```

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Dave Bary

Nancy Jones---05/21/2010 05:09:15 PM---That report and map are posted on to the Homeland Security Information Network so there is not a wa

From: Nancy Jones/R6/USEPA/US

craig Carroll/R6/USEPA/US@EPA, Steve Mason/R6/USEPA/US@EPA

Cc: David Bary/R6/USEPA/US@EPA, R6 DWH Info@EPA

Date: 05/21/2010 05:09 PM

Subject: Re: Fw: Aerial Dispersants Operations Map

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▼ Fw: Aerial Dispersants Operations Map

#### Fw: Aerial Dispersants Operations Map

Craigto: James.E.Hanzalik05/21/2010Carroll05:03 PM

Cc: Steve Mason, R6 DWH REOC RIC

\_

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Dave Bary is the EPA Information Officer in the JIC. Do you know how to make his request happen or direct Steve in the right way to make it happen?

Craig Carroll
Chief, Emergency Readiness Section
EPA Region 6
Ph: 214-665-2220
Fax: 214-665-9718

Fax: 214-665-9718
----- Forwarded by Craig Carroll/R6/USEPA/US on 05/21/2010 05:01 PM -----

From: David Bary/R6/USEPA/US

To: Mark Hansen/R6/USEPA/US@EPA, Craig Carroll/R6/USEPA/US@EPA, Susan Webster/R6/USEPA/US@EPA

Date: 05/21/2010 04:19 PM Subject: Aerial Dispersants Operations Map

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From: Nancy Jones/R6/USEPA/US

To: Craig Carroll/R6/USEPA/US@EPA, Steve Mason/R6/USEPA/US@EPA

Cc: David Bary/R6/USEPA/US@EPA, R6 DWH Info@EPA

Date: 05/21/2010 05:09 PM

Subject: Re: Fw: Aerial Dispersants Operations Map

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Fax: 214-665-9718
-- Forwarded by Craig Carroll/R6/USEPA/US on 05/21/2010 05:01 PM -----

From: David Bary/R6/USEPA/US

Mark Hansen/R6/USEPA/US@EPA, Craig Carroll/R6/USEPA/US@EPA, Susan Webster/R6/USEPA/US@EPA

Date: 05/21/2010 04:19 PM

Subject: Aerial Dispersants Operations Map

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http://www.epaosc.org/sites/6022/files/DispersantsOperationsSummary5.20.pdf

Thanks in advance.

Dave Bary (214) 354-7172

----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: Craig Carroll/R6/USEPA/US Steve Mason/R6/USEPA/US@EPA R6 DWH REOC RIC@EPA Date: 05/21/2010 04:56 PM Subject: Re: Directive Checklist

Yep. Is there an attachment for actually tracking the numbers..:)

Craig Carroll Chief, Emergency Readiness Section EPA Region 6 Ph: 214-665-2220 Fax: 214-665-9718

▼ Steve Mason---05/21/2010 02:35:09 PM---Does this work for you ??? Faithfully yours

Steve Mason/R6/USEPA/US Craig Carroll/R6/USEPA/US@EPA Date: 05/21/2010 02:35 PM Subject: Re: Directive Checklist

Does this work for you ???

[attachment "DIRECTIVE\_ELEMENT\_CHECKLIST\_1a.docx" deleted by Craig Carroll/R6/USEPA/US]

Faithfully yours

"Frequently, my thoughts get bored and walk down to my mouth. Often, this is a bad thing."

Steve Mason, EPA Region 6 (6SF-PE) 1445 Ross Avenue, Dallas, TX 75202 214-665-2276 / 214-665-2278 fax

▼ Craig Carroll---05/21/2010 02:21:12 PM---Ok. Elizabeth working on it or you? Craig Carroll

From: Craig Carroll/R6/USEPA/US Steve Mason/R6/USEPA/US@EPA 05/21/2010 02:21 PM Date: Subject: Re: Directive Checklist

Ok. Elizabeth working on it or you?

Craig Carroll

Chief, Emergency Readiness Section

EPA Region 6 Ph: 214-665-2220 Fax: 214-665-9718

#### ▼ Steve Mason---05/21/2010 01:00:52 PM---Working on it Have not time to deal with it today

From: Steve Mason/R6/USEPA/US To: Craig Carroll/R6/USEPA/US@EPA Date: 05/21/2010 01:00 PM Subject: Re: Directive Checklist

Working on it Have not time to deal with it today

Sent by EPA Wireless E-Mail Services

#### ▼ Craig Carroll

----- Original Message ----From: Craig Carroll
Sent: 05/21/2010 12:58 PM CDT
To: Steve Mason
Cc: Susan Webster: R6 DWH REOC RIC
Subject: Re: Directive Checklist
Can I get the reformatted checklist today. I have got to get it to USCG today. Thanks

Craig Carroll Chief, Emergency Readiness Section EPA Region 6 Ph: 214-665-2220 Fax: 214-665-9718

#### ▼ Steve Mason---05/20/2010 11:42:10 AM---Faithfully yours Steve

From: Steve Mason/R6/USEPA/US Craig Carroll/R6/USEPA/US@EPA To:

Elizabeth.Doomes@WestonSolutions.com, R6 DWH Info@EPA, R6 DWH REOC RIC@EPA

05/20/2010 11:42 AM Subject: Re: Directive Checklist

[attachment "DIRECTIVE ELEMENT CHECKLIST.docx" deleted by Craig Carroll/R6/USEPA/US]

Faithfully yours

"Frequently, my thoughts get bored and walk down to my mouth. Often, this is a bad thing."

Steve Mason, EPA Region 6 (6SF-PE) 1445 Ross Avenue, Dallas, TX 75202 214-665-2276 / 214-665-2278 fax

## ▼ Craig Carroll---05/20/2010 11:25:16 AM---Steve, Did you send me the final checklist?

From: Craig Carroll/R6/USEPA/US Steve Mason/R6/USEPA/US@EPA To:

Elizabeth.Doomes@WestonSolutions.com, R6 DWH Info@EPA, R6 DWH REOC RIC@EPA

Date: 05/20/2010 11:25 AM Subject: Re: Directive Checklist

Did you send me the final checklist?

Craig Carroll Chief, Emergency Readiness Section EPA Region 6 Ph: 214-665-2220 Fax: 214-665-9718

## ▼ Steve Mason---05/18/2010 12:54:32 PM---Craig, Elizabeth is going to put together a simple checklist of what the directive requires BP to pr

Steve Mason/R6/USEPA/US To: Craig Carroll/R6/USEPA/US@EPA

Elizabeth.Doomes@WestonSolutions.com, R6 DWH Info@EPA

05/18/2010 12:54 PM Date: Subject: Directive Checklist

> Craig, Elizabeth is going to put together a simple checklist of what the directive requires BP to provide (and when) so we can match up to what they are sending to us now..

Faithfully yours

"Frequently, my thoughts get bored and walk down to my mouth. Often, this is a bad thing."

Steve Mason, EPA Region 6 (6SF-PE) 1445 Ross Avenue, Dallas, TX 75202 214-665-2276 / 214-665-2278 fax

----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

 From:
 Nancy Jones/R6/USEPA/US

 To:
 Steve Mason/R6/USEPA/US@EPA

 Date:
 05/21/2010 04:28 PM

 Subject:
 Re: Formula for Sea Brat

I can not send it to you. Call me and I can give it to you verbally but you are restricted on who you share it with. It is CBI and you will have to maintain a log. Basically we need to discuss it. The conditions it was given to me were very strict.

Re: Formula for Sea Brat

Re: Formula for Sea Brat

Steve to: Nancy Jones

05/21/2010 04:09 PM

Nancy, do you have the formula for SeaBrat... if so, please send to me ASAP....

Thanks

Faithfully yours

Steve

"Frequently, my thoughts get bored and walk down to my mouth. Often, this is a bad thing."

Steve Mason, EPA Region 6 (6SF-PE) 1445 Ross Avenue, Dallas, TX 75202 214-665-2276 / 214-665-2278 fax

▼ Leigh DeHaven---05/21/2010 03:32:53 PM---I can't send any formulas out per OGC. Try Nacy Jone she got it from Nick on Sunday. Or CALL the M

 From:
 Leigh DeHaven/DC/USEPA/US

 To:
 Craig Matthiessen/DC/USEPA/US@EPA

 Cc:
 Steve Mason/R6/USEPA/US@EPA

 Date:
 05/21/2010 03:32 PM

 Subject:
 Re: Formula for Sea Brat

I can't send any formulas out per OGC. Try Nacy Jone she got it from Nick on Sunday. Or CALL the Manufacturer - Charles Shefflied.

Leigh E. DeHaven
U.S. Environmental Protection Agency
Office of Emergency Management (OEM)
Regulation and Policy Development Division
1200 Pennsylvania Ave., NW (5104A)
Room 6450 EE
Washington, DC 20460
tel: (202) 564-1974
fax: (202) 564-2625

-----Craig Matthiessen/DC/USEPA/US wrote: -----

To: Steve Mason/R6/USEPA/US@EPA From: Craig Matthiessen/Dc/USEPA/US Date: 05/21/2010 04:26PM cc: Leigh DeHaven/Dc/USEPA/US@EPA Subject: Re: Formula for Sea Brat

Hi, Steve;

I don't have it - I've copied Leigh Dehaven who can get the info to you. Craig

Steve Mason---05/21/2010 03:53:56 PM---Craig... can you send me the formula.... Under TSCA, you can send CBI TSCA CBI on approved Local Are

From: Steve Mason/R6/USEPA/US

To: Craig Matthiessen/DC/USEPA/US@EPA

Date: 05/21/2010 03:53 PM

Craig... can you send me the formula....

Under TSCA, you can send CBI TSCA CBI on approved Local Area Networks (LANs).

I will protect it as CBI

Faithfully yours

Steve

"Frequently, my thoughts get bored and walk down to my mouth. Often, this is a bad thing."

Steve Mason, EPA Region 6 (6SF-PE) 1445 Ross Avenue, Dallas, TX 75202 214-665-2276 / 214-665-2278 fax

----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: Craig Carroll/R6/USEPA/US Nancy Jones/R6/USEPA/US@EPA

Cc: Eric Delgado/R6/USEPA/US@EPA, James Staves/R6/USEPA/US@EPA, Steve Mason/R6/USEPA/US@EPA, R6 DWH REOC RIC@EPA

Date: 05/21/2010 04:59 PM Subject: Fw: Directive Checklist

Nancy,

Here is the checklist Steve developed. The data management team will have to develop the tracking for the actual numbers e.g. flowrate and amount of dispersant applied. Jim Staves will have tracking for Research Vessel data and the format the EU requested for that data.

Craig Carroll Craig Carroll
Chief, Emergency Readiness Section
EPA Region 6
Ph: 214-665-2220
Fax: 214-665-9718
Forwarded by Craig Carroll/R6/USEPA/US on 05/21/2010 04:56 PM -----

From: Steve Mason/R6/USEPA/US Craig Carroll/R6/USEPA/US@EPA Date: 05/21/2010 02:35 PM Subject: Re: Directive Checklist

Does this work for you ???



Faithfully yours

"Frequently, my thoughts get bored and walk down to my mouth. Often, this is a bad thing."

Steve Mason, EPA Region 6 (6SF-PE) 1445 Ross Avenue, Dallas, TX 75202 214-665-2276 / 214-665-2278 fax

# ▼ Craig Carroll---05/21/2010 02:21:12 PM---Ok. Elizabeth working on it or you? Craig Carroll

From: Craig Carroll/R6/USEPA/US Steve Mason/R6/USEPA/US@EPA Date: 05/21/2010 02:21 PM Subject: Re: Directive Checklist

Ok. Elizabeth working on it or you?

Craig Carroll Chief, Emergency Readiness Section EPA Region 6 Ph: 214-665-2220 Fax: 214-665-9718

## ▼ Steve Mason---05/21/2010 01:00:52 PM---Working on it Have not time to deal with it today

From: Steve Mason/R6/USEPA/US Craig Carroll/R6/USEPA/US@EPA 05/21/2010 01:00 PM Subject: Re: Directive Checklist

Working on it Have not time to deal with it today

Sent by EPA Wireless E-Mail Services

#### ▼ Craig Carroll

---- Original Message -----From: Craig Carroll
Sent: 05/21/2010 12:58 PM CDT
To: Steve Mason
Co: Susan Webster; R6 DWH REOC RIC
Subject: Re: Directive Checklist
Can I get the reformatted checklist today. I have got to get it to USCG today. Thanks

Craig Carroll Chief, Emergency Readiness Section EPA Region 6 Ph: 214-665-2220 Fax: 214-665-9718

## ▼ Steve Mason---05/20/2010 11:42:10 AM---Faithfully yours Steve

Steve Mason/R6/USEPA/US Craig Carroll/R6/USEPA/US@EPA

Cc: Elizabeth.Doomes@WestonSolutions.com, R6 DWH Info@EPA, R6 DWH REOC RIC@EPA

05/20/2010 11:42 AM Subject: Re: Directive Checklist

[attachment "DIRECTIVE ELEMENT CHECKLIST.docx" deleted by Craig Carroll/R6/USEPA/US]

Faithfully yours

"Frequently, my thoughts get bored and walk down to my mouth. Often, this is a bad thing."

Steve Mason, EPA Region 6 (6SF-PE) 1445 Ross Avenue, Dallas, TX 75202 214-665-2276 / 214-665-2278 fax

#### ▼ Craig Carroll---05/20/2010 11:25:16 AM---Steve. Did you send me the final checklist?

From: Craig Carroll/R6/USEPA/US Steve Mason/R6/USEPA/US@EPA To:

Elizabeth.Doomes@WestonSolutions.com, R6 DWH Info@EPA, R6 DWH REOC RIC@EPA

05/20/2010 11:25 AM Subject: Re: Directive Checklist

Steve,

Did you send me the final checklist?

Craig Carroll Chief, Emergency Readiness Section EPA Region 6 Ph: 214-665-2220 Fax: 214-665-9718

## ▼ Steve Mason---05/18/2010 12:54:32 PM---Craig, Elizabeth is going to put together a simple checklist of what the directive requires BP to pr

Steve Mason/R6/USEPA/US Craig Carroll/R6/USEPA/US@EPA

Elizabeth.Doomes@WestonSolutions.com, R6 DWH Info@EPA

Date: 05/18/2010 12:54 PM Subject: Directive Checklist

> Craig, Elizabeth is going to put together a simple checklist of what the directive requires BP to provide (and when) so we can match up to what they are sending to us now...

Faithfully yours

"Frequently, my thoughts get bored and walk down to my mouth. Often, this is a bad thing."

Steve Mason, EPA Region 6 (6SF-PE) 1445 Ross Avenue, Dallas, TX 75202 214-665-2276 / 214-665-2278 fax

"National Response Team" < NationalResponseTeam@sra.com>

05/21/2010 05:28 PM

Subject: NRT Meeting Alert: UPDATED agenda for May 22, 2010 @ 1100 EDT meeting

#### \*\*\*\*\*\*DO NOT REPLY TO THIS EMAIL - THIS IS A POST MAILING ONLY\*\*\*\*\*\*

Contact Mike Faulkner (faulkner.mike@epa.gov; 202-564-1978) with substantive questions and Michael Lengle (michael\_lengle@sra.com; 703-284-6086) with logistical questions.

> To: NRT Members and Alternates Sent on behalf of USCG

Note: Please see the updated agenda (see attachment).

#### ---Original Message---

From: CAPT A.S. Lloyd, NRT Vice Chair, NRT Chair for the BP Oil Spill Response - Gulf of Mexico Incident

Secretary Napolitano and the National Incident Commander (NIC) have requested a conference call with the NRT Member Agency Heads (Secretary Level) plus one member. This call is scheduled for 11:00 AM EDT on May 22, 2010 and should last no longer than 30 minutes. Regional Response Team IV and VI Co-Chairs may call in

Please call in at 10:45 AM and note that roll call will begin at 10:50 AM. The call in telephone number is 1-800-320-4330; PIN: 193740#. The agenda is attached for your convenience.

- As soon as possible, please provide the name of Principal-level representative(s) who will be participating on the call to Joseph.T.Lally@uscg.mil.
   NRT Members: Please ensure your Agency Principals are aware of the senior level interest in these BP Oil Spill Response Gulf of Mexico incident NRT

Due to the technical nature of this conference bridge and potential to create interference during the call, NRT members are asked to call in via land line. Cell phones are extremely disruptive and may cause the call to drop. In addition, the nature of this telephone bridge is such that a tone will sound when participants enter or leave the conference. As such, it is requested you not call into the bridge after 11:00 AM EDT, nor drop out of the conference prior to its conclusion. In addition, unless actively participating, it is requested you keep your telephone on mute. Please do not place your telephone on hold during the conference



----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

"Doomes, Elizabeth" <Elizabeth.Doomes@WestonSolutions.com>

Steve Mason/R6/USEPA/US@EPA

"Cheek, Sam" <Sam.Cheek@WestonSolutions.com>

Date: 05/21/2010 04:37 PM

Subject: Notes from 052110 1200 Conference Call with EPA, BP, and NOAA

Elizabeth Doomes Weston Solutions, Inc. 4324 S. Sherwood Forest Blvd., Suite B100

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email from your system. Thank you.



----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

"Hanzalik, James CAPT" < James.E.Hanzalik@uscg.mil>

"Carmany, James LT" <James.J.Carmany@uscg.mil>

Craig Carroll/R6/USEPA/US@EPA, Steve Mason/R6/USEPA/US@EPA

05/21/2010 05:48 PM

Subject: FW: Aerial Dispersants Operations Map

```
Please get with the Response Group and have them provide the map on page 10 to Craig Carroll at EPA (copied).
-----Original Message-----
From: Carroll.Craig@epamail.epa.gov [mailto:Carroll.Craig@epamail.epa.gov]
Sent: Friday, May 21, 2010 5:03 PM
To: Hanzalik, James CAPT
Co: Mason.Steve@epamail.epa.gov; R6_DWH_REOC_RIC@epamail.epa.gov
Subject: Fw: Aerial Dispersants Operations Map
Dave Bary is the EPA Information Officer in the JIC. Do you know how to make his request happen or direct Steve in the right way to make it happen?
Craig Carroll
Chief, Emergency Readiness Section
EPA Region 6
Ph: 214-665-2220
Ph: 214-665-2ZZU
Fax: 214-665-9718
---- Forwarded by Craig Carroll/R6/USEPA/US on 05/21/2010 05:01 PM ----
                                         David Bary/R6/USEPA/US
Mark Hansen/R6/USEPA/US@EPA, Craig Carroll/R6/USEPA/US@EPA, Susan Webster/R6/USEPA/US@EPA
05/21/2010 04:19 PM
Aerial Dispersants Operations Map
 From:
I need assistance on this. The Administrator has asked that the map in the attached link be added to the DeepwaterHorizonResponse Web page, and Admiral Landry has agreed. I have been typing to find the source of this map since yesterday and have not had any success. I suspect the source may be in the Houman ICP.
\verb|http://www.epaosc.org/sites/6022/files/DispersantsOperationsSummary5.20.pdf < | http://www.epaosc.org/sites/6022/files/DispersantsOperationsSummary5.20.pdf | http://www.epaosc.org/sites/6022/files/DispersantsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperatio
Thanks in advance.
Dave Bary
(214) 354-7172
 ---- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----
   From: "Hanzalik, James CAPT" < James.E. Hanzalik@uscq.mil>
   To: "Carmany, James LT" <James.J.Carmany@uscg.mil>
Cc: Craig Carroll/R6/USEPA/US@EPA, Steve Mason/R6/USEPA/US@EPA
    Date: 05/21/2010 05:46 PM
   Subject: FW: Aerial Dispersants Operations Map
Jim,
See link below, can you get with the response group and have them email the map from page 10 of this report?
----Original Message----
From: Carroll.Craig@epamail.epa.gov [mailto:Carroll.Craig@epamail.epa.gov]
Sent: Friday, May 21, 2010 5:03 PM
To: Hanzalik, James CAPT
Co: Mason.Steve@epamail.epa.gov; R6_DWH_REOC_RIC@epamail.epa.gov
Subject: Fw: Aerial Dispersants Operations Map
James.
Dave Bary is the EPA Information Officer in the JIC. Do you know how to make his request happen or direct Steve in the right way to make it happen?
Craig Carroll
Chief, Emergency Readiness Section
EPA Region 6
Ph: 214-665-2220
Fax: 214-665-9718
----- Forwarded by Craig Carroll/R6/USEPA/US on 05/21/2010 05:01 PM -----
 From:
To:
                                            David Bary/R6/USEPA/US
Mark Hansen/R6/USEPA/US@EPA, Craig Carroll/R6/USEPA/US@EPA, Susan Webster/R6/USEPA/US@EPA
                                                    05/21/2010 04:19 PM
Aerial Dispersants Operations Map
 Date:
Subject:
I need assistance on this. The Administrator has asked that the map in the attached link be added to the DeepwaterHorizonResponse Web page, and Admiral Landry has agreed. I have been typing to find the source of this map since yesterday and have not had any success. I suspect the source may be in the Houma ICP.
\verb|http://www.epaosc.org/sites/6022/files/DispersantsOperationsSummary5.20.pdf| < |http://www.epaosc.org/sites/6022/files/DispersantsOperationsSummary5.20.pdf| < |https://www.epaosc.org/sites/6022/files/DispersantsOperationsSummary5.20.pdf| < |https://www.epaosc.org/sites/6022/files/DispersantsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOperationsOper
Thanks in advance.
 Dave Bary
(214) 354-7172
 ----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----
   From: Richard Mayer/R6/USEPA/US
                       Steve Mason/R6/USEPA/US@EPA
```

Steve, also please put Bret Kendrick and Richard Ehrhart on your e-mail list.

Philip Turner/R6/USEPA/US@EPA, Bret Kendrick/R6/USEPA/US@EPA, Richard Ehrhart/R6/USEPA/US@EPA

Rich Mayer, P.G. Sr. Project Engineer US EPA Federal Facilities Section (6PD-F) 214-665-7442 Fax - 214-665-7263

Cc:

Date: 05/21/2010 06:23 PM Subject: Brooks McCall Data ---- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: Sam Coleman/R6/USEPA/US Steve Mason/R6/USEPA/US@EPA To: Date: 05/21/2010 06:42 PM Subject: Fw: language

> Samuel Coleman, P.E. Director, Superfund Division Region 6 214 665-6701 214 789-2016 (cell) coleman.sam@epa.gov

----- Forwarded by Sam Coleman/R6/USEPA/US on 05/21/2010 06:42 PM -----

From: Sam Coleman/R6/USEPA/US Dana Tulis/DC/USEPA/US@EPA

Date: 05/21/2010 06:33 PM Subject: Re: language

We made a couple of technical errors to assure that we can keep this moving.

Proposed language from ?

BP shall use an integrated management approach to control the oil. BP will ensure prioritization of offshore response efforts that focuses on mechanical recovery, skimming, and burning on the surface, as well as subsurface application. If mechanical recovery and other surface efforts are not feasible, BP will employ surface application of dispersant. BP must minimize, to the maximum extent feasible, application of surface and subsurface dispersants.

BP shall immediately comply with the monitoring provisions of the May 9, 2010 Directive, Section II "Special Monitoring of Applied Response Technologies ("SMART") Protocol for Surface Application of Dispersants," to determine efficacy and short term impacts of dispersant application.

Separately, EPA and USCG will pursue the use of less toxic dispersants with BP.

BP shall use an integrated management approach to control oil. BP shall first try mechanical recovery, including skimming, and burning on the surface. If that is not feasible, BP shall perform subsurface application of dispersant. Only if mechanical recovery and subsurface application are not possible may BP perform surface application of dispersant. BP must minimize, to the maximum extent feasible, application of surface and subsurface dispersants.

BP shall immediately comply with the monitoring provisions of the May 9, 2010 Directive, Section II "Special Monitoring of Applied Response Technologies ("SMART") Protocol for Surface Application of Dispersants," to determine efficacy and short term impacts of dispersant application.

Separately, EPA and USCG will pursue the use of less toxic dispersants with BP.

Samuel Coleman, P.E. Director, Superfund Division Region 6 214 665-6701 214 789-2016 (cell) coleman.sam@epa.gov

Dana Tulis/DC/USEPA/US From: To: Cynthia Giles-AA/DC/USEPA/US@EPA

Cc: Catherine McCabe/DC/USEPA/US@EPA, Johnpc Fogarty/DC/USEPA/US@EPA, Mary-Kay Lynch/DC/USEPA/US@EPA, Sam Coleman/R6/USEPA/US@EPA

Subject: Re: language

I'm okay, Sam? We also need to the sentence below to the end.

Dana S. Tulis Acting Office Director
Office of Emergency Management
Environmental Protection Agency

202-564-8600

Cynthia Giles-AA/DC/USEPA/US To: Dana Tulis/DC/USEPA/US@FPA

Johnpc Fogarty/DC/USEPA/US@EPA, Catherine McCabe/DC/USEPA/US@EPA, Mary-Kay Lynch/DC/USEPA/US@EPA, Sam Coleman/R6/USEPA/US@EPA

Date: 05/21/2010 06:59 PM

Cc:

Proposed language. Does this say what you mean to say?

BP shall use an integrated management approach to control oil. BP shall first try mechanical recovery, including skimming, and burning on the surface. If that is not feasible, BP shall perform subsurface application of dispersant. Only if mechanical recovery and subsurface application are not possible may BP perform surface application of dispersant. BP must minimize, to the maximum extent feasible, application of surface and subsurface dispersants

BP shall immediately comply with the monitoring provisions of the May 9, 2010 Directive, Section II "Special Monitoring of Applied Response Technologies ("SMART") Protocol for Surface Application of Dispersants," to determine efficacy and short term impacts of dispersant application.

Separately, EPA and USCG will pursue the use of less toxic dispersants with BP.

Cynthia Giles Assistant Administrator Assistant Administration U.S. EPA, Office of Enforcement and Compliance Assurance 1200 Pennsylvania Avenue, N.W. Washington, D.C. 20460 202-564-2440

THIS MESSAGE IS CONFIDENTIAL and may contain legally privileged information. If you receive it in error, please delete it immediately, do not copy, and notify the sender. Thank you.

----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

"Ahnell, Arden" <arden.ahnell@uk.bp.com> Steve Mason/R6/USEPA/US@EPA Date: 05/21/2010 05:58 PM

Subject: FW: Confirmation of phone conversation - Nokomis 3-F4

#### As requested

From: DeHaven.Leigh@epamail.epa.gov [mailto:DeHaven.Leigh@epamail.epa.gov]
Sent: Friday, May 21, 2010 4:46 PM
To: marlensupply@aol.com
Cc: Detloff, Martin P; matthiessen.craig@epa.gov; bove.james@epa.gov; margolis.alan@epa.gov; lynch.mary-kay@epa.gov; miller.kevin@epa.gov
Subject: Confirmation of phone conversation - Nokomis 3-F4

This is to confirm our discussion on May 21, 2010, where you agreed to release Mar-Len Supply's confidential business information claims stated by you, or on your behalf by BP, concerning the information that Nokomis 3-F4 contains nonylphenol polyethylene ethoxylate (NPE) at less than 5% by weight. This release moots the BP confidential business information claim that was made on your behalf. Please note that this information may be released after 24 hours from your receipt of this confirmation with no further notice to you absent a renewed objection to the release of this information. Sincerely,

Leigh E. DeHaven U.S. Environmental Protection Agency Office of Emergency Management (OEM) Regulation and Policy Development Division 1200 Pennsylvania Ave., NW (5104A) Room 6450 FF Washington, DC 20460

tel: (202) 564-1974 fax: (202) 564-2625

----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: "Ahnell, Arden" <arden.ahnell@uk.bp.com> To: Steve Mason/R6/USFPA/US@FPA Date: 05/21/2010 05:57 PM

Subject: FW: Confirmation of phone conversation - SAF-RON Gold

## As requested

From: DeHaven.Leigh@epamail.epa.gov [mailto:DeHaven.Leigh@epamail.epa.gov]
Sent: Friday, May 21, 2010 4:55 PM
To: bruce@sustainable-corp.com

Cc: Detloff, Martin P; bove.james@epa.gov; matthiessen.craig@epa.gov; margolis.alan@epa.gov; lynch.mary-kay@epa.gov; miller.kevin@epa.gov

Subject: Confirmation of phone conversation - SAF-RON Gold

Dear Mr. Richards.

This is to confirm our discussion on May 21, 2010, where you agreed to release Sustainable Environmental Technologies' confidential business information claims stated by you, or on your behalf by BP, concerning the information that Saffron Gold's contains nonylphenol polyethylene ethoxylate (NPE). This release moots the BP confidential business information claim that was made on your behalf. Please note that this information may be released after 24 hours from your receipt of this confirmation with no further notice to you absent a renewed objection to the release of this information.

Sincerely.

Leigh E. DeHaven U.S. Environmental Protection Agency
Office of Emergency Management (OEM)
Regulation and Policy Development Division
1200 Pennsylvania Ave., NW (5104A) Room 6450 EE Washington, DC 20460 tel: (202) 564-1974 fax: (202) 564-2625

---- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: "Ahnell, Arden" <arden.ahnell@uk.bp.com> Steve Mason/R6/USEPA/US@EPA Date: 05/21/2010 05:59 PM

Subject: FW: Confirmation of phone discussion 5 21 10 - Alabaster Corp.

## As requested.

From: DeHaven.Leigh@epamail.epa.gov [mailto:DeHaven.Leigh@epamail.epa.gov]
Sent: Friday, May 21, 2010 4:38 PM
To: alabaster.corp@aol.com
Cc: margoles.alan@epa.gov; matthiessen.craig@epa.gov; bove.james@epa.gov; Detloff, Martin P
Subject: Confirmation of phone discussion 5\_21\_10 - Alabaster Corp.

Dear Mr Sheffield.

This is to confirm our discussion on May 21, 2010, where you agreed to release Alabaster Corporation's confidential business information claims stated by you,or on your behalf by BP, concerning the information that SEA BRAT #4 contains nonylphenol polyethylene glycol ether at approximately 1.91% by weight. This release moots the BP confidential business information claim that was made on your behalf.

Please note that general statements regarding as a constituent of SeaBrat may have been released in accordance with your verbal waiver. EPA may release the information that nonylphenol polyethylene glycol ether is approximately 1.91% by weight after 24 hours from your receipt of this confirmation with no further notice to you absent a renewed objection to the release of this information.

Sincerely,

Leigh E. DeHaven U.S. Environmental Protection Agency Office of Emergency Management (OEM) Regulation and Policy Development Division 1200 Pennsylvania Ave., NW (5104A) Room 6450 EE Washington, DC 20460 tel: (202) 564-1974 fax: (202) 564-2625

----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: "Carmany, James LT" < James.J.Carmany@uscg.mil> "Hanzalik, James CAPT" <James.E.Hanzalik@uscg.mil> Craig Carroll/R6/USEPA/US@EPA, Steve Mason/R6/USEPA/US@EPA Date: 05/21/2010 05:55 PM

Subject: RE: Aerial Dispersants Operations Map

Captain Hanzalik, As requested. V/r LT Jim Carmany ----Original Message---From: Hanzalik, James CAPT
Sent: Briday, May 21, 2010 5:46 PM
TO: Carmany, James LT
Cc: carroll.crai@epa.gov; Mason.Steve@epamail.epa.gov
Subject: FW: Aerial Dispersants Operations Map Jim.

See link below, can you get with the response group and have them email the map from page 10 of this report?

```
----Original Message----
From: Carroll.Craig@epamail.epa.gov [mailto:Carroll.Craig@epamail.epa.gov]
Sent: Friday, May 21, 2010 5:03 PM
TO: Hanzalik, James CAPT
C: Mason.Steve@epamail.epa.gov; R6_DWH_REOC_RIC@epamail.epa.gov
Subject: Fw: Aerial Dispersants Operations Map
Dave Bary is the EPA Information Officer in the JIC. Do you know how to make his request happen or direct Steve in the right way to make it happen?
Craig Carroll
Chief, Emergency Readiness Section
EPA Region 6
Ph: 214-665-2220
Fax: 214-665-9718
---- Forwarded by Craig Carroll/R6/USEPA/US on 05/21/2010 05:01 PM ----
                                                              David Bary/R6/USEPA/US
Mark Hansen/R6/USEPA/US@EPA, Craig Carroll/R6/USEPA/US@EPA, Susan Webster/R6/USEPA/US@EPA
05/21/2010 04:19 PM
Aerial Dispersants Operations Map
  From:
To:
  Date:
Subject:
I need assistance on this. The Administrator has asked that the map in the attached link be added to the DeepwaterHorizonResponse Web page, and Admiral Landry has agreed. I have been typing to find the source of this map since yesterday and have not had any success. I suspect the source may be in the Houma ICP.
\verb|http://www.epaosc.org/sites/6022/files/DispersantsOperationsSummary5.20.pdf < | http://www.epaosc.org/sites/6022/files/DispersantsOperationsSummary5.20.pdf < | https://www.epaosc.org/sites/6022/files/DispersantsOperationsSummary5.20.pdf < | https://www.epaosc.org/sites/6022/files/DispersantsOperationsSummary5.20.pdf < | https://www.epaosc.org/sites/6022/files/DispersantsOperationsSummary5.20.pdf < | https://www.epaosc.org/sites/6022/files/DispersantsOperationsSummary5.20.pdf < | https://www.epaosc.org/sites/BispersantsOperationsSummary5.20.pdf < | https://www.epaosc.org/sites/BispersantsOperatio
 Thanks in advance.
  Dave Bary
(214) 354-7172
  ---- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----
      From:
                                 "Lengle, Michael" <Michael_Lengle@sra.com>
                                    EOC Documentation@EPA, EOC Liaison@EPA, <jesse.r.smith@dhs.gov>, Mathy Stanislaus/DC/USEPA/US@EPA, Barry Breen/DC/USEPA/US@EPA, EOC Situation Unit@EPA
                                    \label{lem:mike_policy} \begin{tabular}{ll} Mike Faulkner/DC/USEPA/US@EPA, "Lengle, Michael" < Michael\_Lengle@sra.com>, "Walsh, Frances" < Frances\_Walsh@sra.com>, Steve Mason/R6/USEPA/US@EPA ("Lengle@sra.com>, Steve Mason/R6/USEPA/USEPA/USEPA/USEP
      Date: 05/21/2010 05:49 PM
      Subject: May 20 and May 21 NRT member meeting summaries
```

#### Good evening,

Attached for your reference are the meeting summaries for the May 20, 2010, 11:00 am and May 21, 2010, 11:00 am NRT member meetings.

Please contact Mike Faulkner with questions or comments.

Thank you,

Mike

#### Michael Lengle

SRA International 3434 Washington Blvd., 2169 Arlington, VA 22201

703-284-6086 michael\_lengle@sra.com

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----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

Sent by EPA Wireless E-Mail Services

---- Original Message ---From: Eric C Roberts [eric.c.roberts@ugov.gov]
Sent: 05/21/2010 11:47 PM GMT
To: Cummings Harold T Mr NGA-PMH USA CIV <Harold.T.Cummings@nga.mil>
Ce: Ronnie Crossland
Subject: Re: web link

Below are a few links that demonstrate NGA services and data for the Deepwater Horizon oil spill crisis. Some of the links may require you to be on a .gov domain. NGA Services@NRL - http://egeoint.nrlssc.navy.mil/
GEOINT Products on Intellipedia - http://www.intelink.gov/wiki/DEEPWATER\_HORIZON
GEOINT Online Viewer - https://www.geoint-online.net/community/ngaearth/GulfoilSpill/default.aspx
Tag Cloud for most recent standard products - http://egeoint.nrlssc.navy.mil/tagcloud/index.php?defaultCategory=DEEPWATER+HORIZON&banner=1
NOAA Environmental Response Management Application (some of our data is pushed here) - https://gomex.erma.unh.edu Took a look and please feel free to let me know if there is anything else you need! Eric C. Roberts National Geospatial-Intelligence Agency DMIGS/Deep Horizon UAC Deployed to Robert, LA 301-243-0564 eric.c.roberts@ugov.gov ---- Original Message ---From: "Cummings Harold T Mr NGA-PMH USA CIV" <Harold.T.Cummings@nga.mil>
To: "Crossland Ronnie" <Crossland.Ronnie@epamail.epa.gov>, "Roberts Eric C" <Eric.C.Roberts@ugov.gov>
Sent: Friday, May 21, 2010 5:22:02 PM GMT -06:00 Central America
Subject: Re: web link Now adding Eric. H. Todd Cummings H. Toda Cummings Chief, North America & Homeland Security Division Office of the Americas (301)227-7283 (open) (240)461-9796 (BB) From : Cummings Harold T Mr NGA-PMH USA CIV To : Crossland.Ronnie@epamail.epa.gov <Crossland.Ronnie@epamail.epa.gov> Sent : Fri May 21 19:13:24 2010 Subject : Re: web link Sorry about that Ronnie. Eric - can you pass the NGA Earth, GO. Intelink sites and any other data sites to Ronnie? H. Todd Cummings Chief, North America & Homeland Security Division Office of the Americas (301)227-7283 (open) (240)461-9796 (BB) From : Crossland.Ronnie@epamail.epa.gov <Crossland.Ronnie@epamail.epa.gov>To : Cummings Harold T Mr NGA-PMH USA CIV
Sent : Fri May 21 14:16:44 2010
Subject : web link We met the other day at Robert, LA. You mentioned that you would send me a link to a web site where EPA could review your information. This is just a reminder. ----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----From: "Doomes Elizabeth" < Elizabeth Doomes@WestonSolutions.com > To: Steve Mason/R6/USEPA/US@EPA, James Staves/R6/USEPA/US@EPA Date: 05/21/2010 07:07 PM Subject: 5/21/10 Robert, LA REOC Activity Summary

From: Doomes, Elizabeth Sent: Friday, May 21, 2010 7:30 PM To: delgado.paige@epa.gov; webster.susan@epa.gov Cc: R6\_DWH\_Info@epamail.epa.gov Subject: 5/21/10 Robert, LA REOC Activity Summary

- Coordinated several conference calls and meetings in regards to dispersant application.
   Continued to coordinate with BP and NOAA on the acquisition and deployment of a second vessel for monitoring and sampling of subsurface dispersant.
- The Veritas vessel will be available on 5/25/10 or 5/26/10.

  Continue coordinating NOAA and USCG on data management integration efforts.

  Coordinated with Lisa Boken and Eric Paisley to obtain a uridium phone for use on the Brooks-McCall boat 5/22/10.
- · Coordinated with REOC for appropriate personnel to participate on both sampling vessels in the future Elizabeth Doomes

Weston Solutions, Inc. 4324 S. Sherwood Forest Blvd., Suite B100

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----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----From: "Watson, James RADM" < James.A.Watson@uscg.mil > To: Steve Mason/R6/USEPA/US@EPA

Subject: RE: Sub-Sea Dispersant daily POLREP Update (FRI 21 MAY, 2010 UPDATE) MISSISSIPPI CANYON 252 INCIDENT

Date: 05/21/2010 07:29 PM

Sent with Good (www.good.com)

----Original Message----

From: Mason.Steve@epamail.epa.gov [mailto:Mason.Steve@epamail.epa.gov]
Sent: Friday, May 21, 2010 12:35 PM Eastern Standard Time

To: Goetzee, William; Carroll.Craig@epamail.epa.gov
Cc: Lloyd, Anthony CAPT; Charlie Henry-NOAA; Watson, James RADM; Hanzalik, James CAPT; Landry, Mary RADM; Little, Patrick CAPT; Pond, Robert; Hooper, Thomas

CAPT; Goetzee, William

Sub-Sea Dispersant daily POLREP Update (FRI 21 MAY, 2010 UPDATE) MISSISSIPPI CANYON 252 INCIDENT Subject:

FYI & SA - Updates are highlighted in YELLOW since yesterdays update.

Note: The continued purpose of this POLREP is now to Update on a daily basis the following:

- 1) Major Start & Stop chronologic events for the Sub-Sea Dispersant Injection since it entered the conditional operational phase, and cumulative gallons dispersant injected at end of each major stop point
- 2) Capture any O/S and Departure stats of monitoring vessels in support of the required monitoring protocols.

Steve Mason, EPA Region 6 (6SF-PE) 1445 Ross Avenue, Dallas, TX 75202 214-665-2276 / 214-665-2278 fax

----- Forwarded by Steve Mason/R6/USEPA/US on 05/22/2010 05:35 AM -----

From: Dana Stalcup/DC/USEPA/US

"Capizzi, Derek" < Derek.A.Capizzi@uscg.mil>

David Bloom/DC/USEPA/US@EPA, Derek. A Capizzi@uscg.mil, Earl Salo/DC/USEPA/US@EPA, James Drummond/DC/USEPA/US@EPA, Lee Tyner/DC/USEPA/US@EPA, Mary-Kay Lynch/DC/USEPA/US@EPA, Steve Pressman/DC/USEPA/US@EPA, Timothy, G. Eastman@uscg.mil, Jonathan a abramson@uscg.mil, gregory.w. bule@uscg.mil, Gilberto Irizarry/DC/USEPA/US@EPA, Lisa Boynton/DC/USEPA/US@EPA, Sue Pritis/DC/USEPA/US@EPA, Glor Cuscino/DC/USEPA/US@EPA, Mark Hansen/R6/USEPA/US@EPA, Chris Petersen/R6/USEPA/US@EPA, Craig Carroll/R6/USEPA/US@EPA, Steve Mason/R6/USEPA/US@EPA, Nancy Jones/R6/USEPA/US@EPA Cc:

Subject: RE: EPA Obtaining Reimbursement from the Coast Guard for DC Emergency Operations Center Activities Relating to Gulf Oil Spill

thanks for the note. I have spoken with Tim Eastman several times, and have exchanged several e-mails with Jon Abramson and Greg Buie. I believe one of our OSCs in Robert has briefly mentioned this to RADM Landry, but I am not aware that she has seen our proposed PRFA. Via phone calls and

e-mails, several potential concerns have been discussed, including:
- how closely can we tie our EPA HQ EOC work to being under the direction of the USCG FOSC?
- is there any duplication between Regional PRFAs and this proposed HQ PRFA?
- is EPA doing any work that cannot be specifically considered part of the response?

Although we have not been given a formal "NO", the skepticism expressed in some conversations and e-mails from your folks, and the very slow, or should I say lack of a, response to the proposed HQ EOC PRFA, indicates that there may be no support that this is a reasonable activity for the FOSC

to support. I have responded to some of the concerns expressed by Jon and others with a fairly detailed SOW, a detailed cost estimate including assumptions and methodology, and significant explanation of our HO EOC activities and how we think they directly support the USCG FOSC. I realize there are a large number of very high priority activities (including at least one that took Greg away from Robert yesterday) that it might take a while to get something signed. However, we have 40-50 people in the HO EOC every day, and many, many more in their home office supporting this response (and I didn't even include those "reachback" people in our cost proposal), and on an almost hourly basis I am asked if their is any progress on the reimbursable funding - I can tell you this is a growing priority for EPA. I have copied many of your NPFC colleagues in the hope that they can shed light on this. The lack of a positive response to this point combined with some of the previously expressed skepticism are quite discouraging. Are there still legal concerns? scoping concerns? What should I tell our senior leadership is the primary reason we cannot get this PRFA approved by the FOSC?

Thanks again for your quick response and help.

- Dana

\_\_\_\_\_ Dana Stalcup Director, Business Operations Center EPA OSWER Office of Emergency Management 202-564-2089 - work 202-309-5473 - cellular

▼ "Capizzi, Derek" ---05/21/2010 09:51:58 PM---Jim, I don't have any facts to go on. Thought thhis had been resolved with better comms. I will p

"Capizzi, Derek" < Derek.A.Capizzi@uscg.mil>

To: James Drummond/DC/USEPA/US@EPA

 $Lee \ Tyner/DC/USEPA/US@EPA, \ Marry-Kay \ Lynch/DC/USEPA/US@EPA, \ Earl \ Salo/DC/USEPA/US@EPA, \ Dana \ Stalcup/DC/USEPA/US@EPA, \ David \ Bloom/DC/USEPA/US@EPA, \ Steve \ Pressman/DC/USEPA/US@EPA, \ David \ Bloom/DC/USEPA/US@EPA, \ Steve \ Pressman/DC/USEPA/US@EPA, \ David \ Bloom/DC/USEPA/US@EPA, \ David \ Bloom/DC/USEPA/U$ Cc-

Date: 05/21/2010 09:51 PM

Subject: RE: EPA Obtaining Reimbursement from the Coast Guard for DC Emergency Operations Center Activities Relating to Gulf Oil Spill

Jim, I don't have any facts to go on. Thought thhis had been resolved with better comms. I will pass to my folks. Dana, can you tell me who you are talking to and what the rub is? ----Original Message---From: Drummond.James@epamail.epa.gov [mailto:Drummond.James@epamail.epa.gov]
Sent: Friday, May 21, 2010 3:39 PM
To: Capizzi, Derek
Cc: Capizzi, Derek; tyner.lee@epamail.epa.gov; Lynch.Mary-Kay@epamail.epa.gov; Salo.Earl@epamail.epa.gov; Stalcup.Dana@epamail.epa.gov;
Bloom.David@epamail.epa.gov; Pressman.Steve@epamail.epa.gov
Subject: RE: EPA Obtaining Reimbursement from the Coast Guard for DC Emergency Operations Center Activities Relating to Gulf Oil Spill

#### Derek:

Need to follow up again on this question. The folks who operate the EPA Emergency Ops Center here in DC have indicated to our finance office that the USCG personnel they have spoken with believe that USCG cannot reimburse EPA for the additional costs the Agency has incurred (which are considerable) for EOC personnel and contract support above and beyond normal operations. Something about USCG could not recover the costs under the OPA may be a factor. Do you have any insights?

"Capizzi, Derek" <Derek.A.Capizzi@USCG.MIL>

To: "Capizzi, Derek" <Derek.A.Capizzi@USCG.MIL>, James Drummond/DC/USEPA/US@EPA

Cc: Mary-Kay Lynch/DC/USEPA/US@EPA, Lee Tyner/DC/USEPA/US@EPA, Richard Feldman/DC/USEPA/US@EPA

Date: 05/14/2010 08:27 AM

Subject: RE: EPA Obtaining Reimbursement from the Coast Guard for DC Emergency Operations Center Activities Relating to Gulf Oil Spill

Jim, my sense is it is not a legal or policy issue and may just be communications. The Ops Center folks should contact our person at the UAC Jonathan.A.Abramson@uscg.mil, cell 202 494 9120. For more general funding process questions they can contact Timothy.G.Eastman@uscg.mil, cell 202 365 7610.

By the way your voice mail was left on my home number.

My office number is 202 493 6751.

regards

----Original Message---From: Capizzi, Derek
Sent: Thursday, May 13, 2010 6:15 PM
To: 'Drummond James@epamail.epa.gov'
Cc: 'Lynch.Mary-Kay@epamail.epa.gov'
Subject: RE: EPA Obtaining Reimbursement from the Coast Guard for DC Emergency Operations Center Activities Relating to Gulf Oil Spill

Jim I don't recall a voice message today but there were a couple that were silent so I may have missed you. Such costs have been a subject of discussion today and I have weighed in. Let me catch up with policy folks to see if there is a clearer picture. May be tomorrow morning.

Sent with Good (www.good.com)

From:
Drummond.James@epamail.epa.gov[
mailto:Drummond.James@epamail.epa.gov]
Sent:
Thursday, May 13, 2010 05:46 PM Eastern Standard Time
To: Capizzi, Derek
Cc: Mary-Kay@epamail.epa.gov; tyner.lee@epamail.epa.gov;
Elynch.Mary-Kay@epamail.epa.gov; tyner.lee@epamail.epa.gov;
Subject:
EPA Obtaining Reimbursement from the Coast Guard for
DC Emergency Operations Center Activities Relating to Gulf Oil Spill

#### Derek:

This is a follow up to my voice mail earlier today on the above subject.

I understand from our emergency response program and finance office clients that the USCG's National Pollution Funds Center has advised EPA that it would be difficult for the USCG to reimburse EPA for activities relating to the Gulf oil spill that are not direct field work. For example, the technical, coordination and policy support our Headquarters Emergency Operations Center provides to EPA Regions 4 and 6 to assist them perform Pollution Removal Funding Agreements the CG has issued to EPA would not be reimbursable. I have been tasked with inquiring further into the rationale for USCG's position.

Could you please let me know if the USCG's advice to EPA indicating that only direct field work relating to the Gulf oil spill is reimbursable reliabilisable was based on legal concerns or reflects a policy decision. If the concerns are legal I will follow up with you so that I can explain the CG's position to our clients.

Thanks, and I can be reached at (202) 564-5456 if you would prefer to discuss over the phone. Will be in the office late tonight and I am tomorrow as well.

Jim Drummond EPA OGC

Finance and Civil Rights Law Office